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OM protein - protein search, using sw model

Run on: November 3, 2005, 12:52:08 ; Search time 165 Seconds

(without alignments)

22.822 Million cell updated/sec

Title: US-10-006-177-4
Perfect score: 49
Sequence: 1 FLYDQNQRV 9Scoring table: BLOSUM62
GapOp 10.0 , Gapext 0.5

Searched: 1867879 seqs, 418409474 residues

Total number of hits satisfying chosen parameters: 1867879

Minimum DB seq length: 0
Maximum DB seq length: 2000000000Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 100 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100 0	9	14 US-10-006-177-4	Sequence 4, Appli
2	49	100 0	546	18 US-10-450-163-52754	Sequence 52/54, A
3	49	100 0	990	13 US-10-087-192-477	Sequence 47/7, App
4	49	100 0	1083	13 US-10-087-192-480	Sequence 490, App
5	49	100 0	1139	18 US-10-450-163-52756	Sequence 52/56, A
6	49	100 0	1526	16 US-10-471-758-2	Sequence 2, Appli
7	49	100 0	1531	9 US-09-876-889-347	Sequence 347, App
8	49	100 0	1531	9 US-09-598-2593	Sequence 259, App
9	49	100 0	1531	14 US-10-311-311-222	Sequence 222, App
10	49	100 0	1531	14 US-10-301-822-211	Sequence 211, App
11	49	100 0	1531	15 US-10-435-696-46	Sequence 46, Appli

12	49	100 0	1531	16 US-10-723-860-2100	Sequence 2100, Ap
13	49	100 0	1531	17 US-10-645-756-42	Sequence 5261, Ap
14	49	100 0	1531	18 US-10-756-149-5261	Sequence 268, Ap
15	49	100 0	1531	18 US-10-745-237-268	Sequence 1161, Ap
16	49	100 0	1621	15 US-10-296-115-1161	Sequence 3017, Ap
17	49	100 0	1626	16 US-10-408-765A-3017	Sequence 270, Ap
18	49	100 0	1626	18 US-10-745-237-220	Sequence 5435, Ap
19	40	81 6	816	15 US-10-369-493-5435	Sequence 5596, Ap
20	40	81 6	1520	15 US-10-369-493-5596	Sequence 5597, Ap
21	40	81 6	1520	15 US-10-369-493-5597	Sequence 24, Appli
22	37	75 5	110	17 US-10-891-972-24	Sequence 11, Appli
23	37	75 5	110	17 US-10-891-972-34	Sequence 51, Appli
24	37	75 5	250	16 US-10-779-461-11	Sequence 1516, A
25	37	75 5	251	16 US-10-779-461-51	Sequence 1551, Ap
26	37	75 5	385	20 US-10-097-143-1551	Sequence 3569, Ap
27	37	75 5	617	16 US-10-437-963-162226	Sequence 162226, A
28	35	71 4	83	15 US-10-425-114-47619	Sequence 47619, A
29	35	71 4	219	15 US-10-282-122A-69066	Sequence 69066, A
30	35	71 4	274	16 US-10-437-963-109620	Sequence 109620, A
31	35	71 4	396	17 US-10-732-923-10167	Sequence 10167, A
32	35	71 4	441	15 US-10-369-493-5596	Sequence 9305, A
33	35	71 4	463	16 US-10-425-115-685784	Sequence 295784, A
34	35	71 4	618	16 US-10-425-115-247738	Sequence 347738, A
35	35	71 4	623	15 US-10-425-114-53896	Sequence 53896, A
36	35	71 4	655	15 US-10-369-493-50595	Sequence 20595, A
37	35	71 4	659	15 US-10-282-122A-47206	Sequence 47206, A
38	35	71 4	693	14 US-10-156-161-3105	Sequence 9305, A
39	35	71 4	843	15 US-10-282-122A-68528	Sequence 68528, A
40	35	71 4	2122	16 US-10-437-963-189782	Sequence 189782, A
41	34	69 4	78	15 US-10-424-599-182919	Sequence 182919, A
42	34	69 4	158	18 US-10-450-763-53539	Sequence 33539, A
43	34	69 4	158	18 US-10-450-763-50354	Sequence 50354, A
44	34	69 4	223	16 US-10-476-701-5086	Sequence 284417, A
45	34	69 4	223	16 US-10-425-115-884417	Sequence 42144, A
46	34	69 4	340	20 US-11-097-143-42144	Sequence 351465, A
47	34	69 4	388	16 US-10-425-115-251465	Sequence 351466, A
48	34	69 4	463	16 US-10-425-115-351466	Sequence 6678, Ap
49	34	69 4	498	9 US-09-738-626-6778	Sequence 10196, A
50	34	69 4	545	16 US-10-739-930-0196	Sequence 117, Ap
51	34	69 4	902	16 US-10-437-963-16905	Sequence 116905, Ap
52	34	69 4	967	16 US-10-437-963-188888	Sequence 118888, Ap
53	34	69 4	1011	16 US-10-437-963-172329	Sequence 172329, Ap
54	34	69 4	1236	14 US-10-156-161-8734	Sequence 156, Ap
55	33	67 3	63	16 US-10-767-701-08543	Sequence 9, Appli
56	33	67 3	98	15 US-10-308-817-117	Sequence 117, Appli
57	33	67 3	98	15 US-10-453-698-117	Sequence 11, App
58	33	67 3	103	10 US-09-972-656-130	Sequence 130, App
59	33	67 3	108	16 US-10-779-461-158	Sequence 158, App
60	33	67 3	108	16 US-10-800-197-59	Sequence 156, App
61	33	67 3	109	15 US-10-425-855-9	Sequence 9, Appli
62	33	67 3	109	17 US-10-822-300-4	Sequence 4, Appli
63	33	67 3	109	17 US-10-687-118-104	Sequence 40, Appli
64	33	67 3	110	14 US-10-269-805-40	Sequence 152, App
65	33	67 3	110	14 US-10-805-95-42	Sequence 42, Appli
66	33	67 3	110	14 US-10-269-805-88	Sequence 58, Appli
67	33	67 3	110	15 US-10-251-805B-166	Sequence 166, App
68	33	67 3	110	16 US-10-737-252-166	Sequence 166, App
69	33	67 3	110	16 US-10-779-461-141	Sequence 141, App
70	33	67 3	111	16 US-10-800-197-152	Sequence 143, App
71	33	67 3	111	16 US-10-800-197-152	Sequence 65, Appli
72	33	67 3	112	16 US-10-779-461-143	Sequence 51550, A
73	33	67 3	113	14 US-10-192-381-65	Sequence 6785, Ap
74	33	67 3	113	20 US-11-008-889-65	Sequence 4, Appli
75	33	67 3	115	16 US-10-767-101-1550	Sequence 51550, A
76	33	67 3	116	14 US-10-106-698-6785	Sequence 4, Appli
77	33	67 3	214	16 US-10-485-466-4	Sequence 108, App
78	33	67 3	216	10 US-10-425-114-57777	Sequence 57777, A
79	33	67 3	227	15 US-10-437-963-175461	Sequence 175461, A
80	33	67 3	240	16 US-10-424-599-189401	Sequence 189401, A
81	33	67 3	246	15 US-10-017-030-40	Sequence 26, Appli
82	33	67 3	246	20 US-11-017-030-40	Sequence 40, Appli
83	33	67 3	247	20 US-11-017-030-40	Sequence 11, Appli

SUMMARIES

%	Query Match	Length	DB ID	Description
1	49	100 0	9	14 US-10-006-177-4
2	49	100 0	546	18 US-10-450-163-52754
3	49	100 0	990	13 US-10-087-192-477
4	49	100 0	1083	13 US-10-087-192-480
5	49	100 0	1139	18 US-10-450-163-52756
6	49	100 0	1526	16 US-10-471-758-2
7	49	100 0	1531	9 US-09-876-889-347
8	49	100 0	1531	9 US-09-598-2593
9	49	100 0	1531	14 US-10-311-311-222
10	49	100 0	1531	14 US-10-301-822-211
11	49	100 0	1531	15 US-10-435-696-46

RESULT 1
US-10-006-177-4
; Sequence 4, Application US/10006177
; Publication No. US20030165513A1
; GENERAL INFORMATION:
; APPLICANT: Ross, Mark
; APPLICANT: Philip, Ramila
; TITLE OF INVENTION: Cytotoxic T-Lymphocyte-Inducing Immunogens for Prevention, Treatment and Diagnosis of Cancer
; CURRENT APPLICATION NUMBER: US/10/006,177
; FILE REFERENCE: 26747-35
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US/65/251,022
; PRIOR FILING DATE: 2000-12-04
; PRIORITY FILING DATE: US/60/256,824
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Epitopic Peptide
US-10-006-177-4

ALIGNMENTS

Query Match 100.0%; Score 49; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.e+06; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; ;
Qy 1 FLYDDNQRV 9
Db 1 FLYDDNQRV 9

Query Match 100.0%; Score 49; DB 18; Length 546;
Best Local Similarity 100.0%; Pred. No. 0.9; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; ;
Qy 1 FLYDDNQRV 9
Db 261 FLYDDNQRV 269

RESULT 3
US-10-087-192-477
; Sequence 477, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: CANCER
; CURRENT APPLICATION NUMBER: US/10/087,192
; FILE REFERENCE: 529452000122
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 477
; LENGTH: 990
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-087-192-477

Query Match 100.0%; Score 49; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.e+06; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; ;
Qy 1 FLYDDNQRV 9
Db 1 FLYDDNQRV 9

RESULT 2
US-10-450-763-52754
; Sequence 52754, Application US/10450763
; GENERAL INFORMATION:
; APPLICANT: HYBED, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790C1P3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/140,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/449,167
; PRIOR FILING DATE: 2000-08-23

Query Match 100.0%; Score 49; DB 13; Length 990;
Best Local Similarity 100.0%; Pred. No. 1.e+06; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0; ;
Qy 1 FLYDDNQRV 9
Db 289 FLYDDNQRV 297

RESULT 4
US-10-087-192-480
; Sequence 480, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: CANCER
; FILE REFERENCE: 529452000122
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 477
; LENGTH: 990
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-087-192-480

PRIOR APPLICATION NUMBER: US 09/747,377
 PRIOR FILING DATE: 2000-12-22
 PRIOR APPLICATION NUMBER: US 09/798,586
 PRIOR FILING DATE: 2001-03-02
 NUMBER OF SEQ ID NOS: 2059
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 480
 LENGTH: 1083
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-087-192-480

Query Match Score 49; DB 13; Length 1083;
 Best Local Similarity 100.0%; Pred. No. 1.9;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2
 LENGTH: 1526
 SOFTWARE: PatentIn version 3.2

Qy 1 FLYDDNQRV 9
 Db 671 FLYDDNQRV 679

RESULT 5
 US-10-450-763-52756
 sequence 52756, Application US/10450763
 Publication No. US20050196754A1

GENERAL INFORMATION:
 APPLICANT: Hyseq, Inc
 TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
 FILE REFERENCE: 790C1B3/US
 CURRENT APPLICATION NUMBER: US/10/450,763
 CURRENT FILING DATE: 2003-06-11
 PRIOR APPLICATION NUMBER: PCT/US01/08631
 PRIOR FILING DATE: 2001-03-30
 PRIOR APPLICATION NUMBER: 09/540,217
 PRIOR FILING DATE: 2000-03-31
 PRIOR APPLICATION NUMBER: 09/649,167
 PRIOR FILING DATE: 2000-08-23
 NUMBER OF SEQ ID NOS: 60736
 SOFTWARE: Custom
 SEQ ID NO: 52756
 LENGTH: 1119
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: DOMAIN
 LOCATION: (55)..(91)
 OTHER INFORMATION: DNA topoisomerase II proteins domain identified by eMATRIX,
 OTHER INFORMATION: accession number BL00177H, p-value=3.647e-39, raw score of 21.42
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)..(1139)
 OTHER INFORMATION: xaa = x or * as defined in Table 2

US-10-450-763-52756

Query Match Score 49; DB 18; Length 1139;
 Best Local Similarity 100.0%; Pred. No. 2;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2
 LENGTH: 1531
 SOFTWARE: PatentIn version 3.2

Qy 1 FLYDDNQRV 9
 Db 827 FLYDDNQRV 835

RESULT 7
 US-09-876-889-347
 sequence 347, Application US/09876889
 Patent No. US20050076715A1

GENERAL INFORMATION:
 APPLICANT: Benson, Michael R.
 APPLICANT: Mitcham, Jennifer L.
 APPLICANT: King, Gordon B.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OVARIAN CANCER THERAPY AND DIAGNOSIS
 FILE REFERENCE: 210121.466C3
 CURRENT APPLICATION NUMBER: US/09/876,889
 CURRENT FILING DATE: 2001-06-06
 NUMBER OF SEQ ID NOS: 353
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 347
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-876-889-347

Query Match Score 49; DB 9; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 8
 US-09-998-598-2593
 sequence 2593, Application US/09998598
 Patent No. US20050150322A1

GENERAL INFORMATION:
 APPLICANT: Stolk, John A.
 APPLICANT: Xu, Jiangchun
 APPLICANT: Cheaule, Ruth A.
 APPLICANT: Meagher, Madeleine Joy
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF COLON CANCER
 FILE REFERENCE: 210121.561
 CURRENT APPLICATION NUMBER: US/09/998,598
 CURRENT FILING DATE: 2001-11-16
 NUMBER OF SEQ ID NOS: 2606

RESULT 6
 US-10-471-758-2
 Sequence 2, Application US/10471758
 Publication No. US20040249574A1

/* SOFTWARE: Corixa Invention Disclosure Database
 /* SEQ ID NO: 2593
 /* LENGTH: 1531
 /* TYPE: PRT
 /* ORGANISM: Homo sapiens
 US-09-998-598-2593

Query Match 100.0%; Score 49; DB 14; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 9
 US-10-171-311-222
 Sequence 222, Application US/10171311
 Publication No. US20030087270A1

GENERAL INFORMATION:
 APPLICANT: Schigel, Robert
 APPLICANT: Chen, Yan
 APPLICANT: Zhao, Xumei
 APPLICANT: Monahan, John
 APPLICANT: Kamatkar, Shubhangi
 APPLICANT: Glatt, Karen
 APPLICANT: Gammavarapu, Manjula
 APPLICANT: Hoersh, Sebastian

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF CERVICAL CANCER

FILE REFERENCE: MRI-035
 CURRENT APPLICATION NUMBER: US/10/171,311
 CURRENT FILING DATE: 2002-06-12
 PRIOR APPLICATION NUMBER: US 60/298,159
 PRIOR FILING DATE: 2001-06-13
 PRIOR APPLICATION NUMBER: US 60/298,155
 PRIOR FILING DATE: 2001-06-13
 PRIOR APPLICATION NUMBER: US 60/335,936
 PRIOR FILING DATE: 2001-11-14
 NUMBER OF SEQ ID NOS: 238
 SOFTWARE: PastSEQ for Windows Version 4.0
 SEQ ID NO 222
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens

US-10-171-311-222

Query Match 100.0%; Score 49; DB 14; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 10
 US-10-301-822-211
 Sequence 211, Application US/10301822
 Publication No. US20030148410A1

GENERAL INFORMATION:
 APPLICANT: Millennium Pharmaceuticals, Inc.
 APPLICANT: Berger, Allison
 APPLICANT: Guillemette, Tracy L.
 APPLICANT: Kamatkar, Shubhangi
 APPLICANT: Schigel, Robert
 APPLICANT: Monahan, John E.
 APPLICANT: Thibodeau, Stephen N.
 APPLICANT: Burgart, Lawrence J.

TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND

/* TITLE OF INVENTION: THERAPY OF COLON CANCER
 /* FILE REFERENCE: MPM01-022P2RNM
 /* CURRENT APPLICATION NUMBER: US/10/301,822
 /* CURRENT FILING DATE: 2002-11-21
 /* PRIOR APPLICATION NUMBER: US 60/339,971
 /* PRIOR FILING DATE: 2001-12-10
 /* PRIOR APPLICATION NUMBER: US 60/361,978
 /* PRIOR FILING DATE: 2002-03-05
 /* PRIOR APPLICATION NUMBER: US 60/381,988
 /* NUMBER OF SEQ ID NOS: 228
 /* SOFTWARE: PastSEQ for Windows Version 4.0
 /* SEQ ID NO 211
 /* LENGTH: 1531
 /* TYPE: PRT
 /* ORGANISM: Homo Sapiens
 US-10-301-822-211

Query Match 100.0%; Score 49; DB 14; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 11
 US-10-435-696-46
 Sequence 46, Application US/10435696
 Publication No. US20040018525A1

GENERAL INFORMATION:
 APPLICANT: Witz, Ralph
 APPLICANT: Murnes, Marc
 APPLICANT: Kallabis, Harald
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS AND TREATMENT OF MALIGNANT NEOPLASIA

FILE REFERENCE: LeA 36 108
 CURRENT APPLICATION NUMBER: US/10/435,696
 CURRENT FILING DATE: 2003-05-09
 PRIOR APPLICATION NUMBER: EP3003312.4
 PRIOR FILING DATE: 2003-02-13
 PRIOR APPLICATION NUMBER: EP02010291.9
 PRIOR FILING DATE: 2002-05-21
 NUMBER OF SEQ ID NOS: 314
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 46
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens

US-10-435-696-46

Query Match 100.0%; Score 49; DB 15; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 12
 US-10-723-860-2100
 Sequence 2100, Application US/10723860
 Publication No. US20040253606A1

GENERAL INFORMATION:
 APPLICANT: Aziz, Natasha
 APPLICANT: Ginsburg, Wendy M.
 APPLICANT: Zlotnik, Albert
 TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions & Methods for Screening for Soft Tissue Sarcoma Modulators
 TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
 FILE REFERENCE: 05862-0193.NPUS01
 CURRENT APPLICATION NUMBER: US/10/723,860

CURRENT FILING DATE: 2003-11-26
 PRIORITY APPLICATION NUMBER: 60/429,739
 PRIOR FILING DATE: 2002-11-26
 NUMBER OF SEQ ID NOS: 8393
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 2100
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-723-860-2100

Query Match Score 49; DB 16; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 13
 US-10-645-756-42
 Sequence 42, Application US/10645756
 Publication No. US20050037010A1
 GENERAL INFORMATION:
 APPLICANT: Monahan, John
 APPLICANT: Zhao, Xumei
 APPLICANT: Chen, Yan
 APPLICANT: Glatt, Karen
 APPLICANT: Kamatkar, Shubhangi
 TITLE OF INVENTION: COMPOSITIONS, KITS AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF CERVICAL CANCER
 TITLE OF INVENTION: CANCER
 FILE REFERENCE: MRI-062
 CURRENT APPLICATION NUMBER: US/10/645,756
 CURRENT FILING DATE: 2003-08-20
 PRIOR APPLICATION NUMBER: 60/404770
 PRIOR FILING DATE: 2002-08-20
 NUMBER OF SEQ ID NOS: 44
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 42
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-645-756-42

Query Match Score 49; DB 17; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 14
 US-10-756-149-5261
 Sequence 5261, Application US/10756149
 Publication No. US20050181375A1
 GENERAL INFORMATION:
 APPLICANT: Aziz, Natasha
 APPLICANT: Zlotnik, Albert
 TITLE OF INVENTION: NOVEL METHODS OF DIAGNOSIS OF METASTATIC CANCER, COMPOSITIONS AND METHODS OF SCREENING FOR MODULATORS OF METASTATIC CANCER
 FILE REFERENCE: file
 CURRENT APPLICATION NUMBER: US/10/756,149
 CURRENT FILING DATE: 2004-01-12
 NUMBER OF SEQ ID NOS: 5818
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 5261
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo Sapiens

US-10-756-149-5261
 Query Match Score 49; DB 18; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 15
 US-10-745-237-268
 Sequence 268, Application US/10745237
 Publication No. US2005227301A1
 GENERAL INFORMATION:
 APPLICANT: Cyclacel Limited
 APPLICANT: Glover, David
 APPLICANT: Bell, Graham
 APPLICANT: Frezz, Lisa
 APPLICANT: Middleley, Carol
 TITLE OF INVENTION: Cell Cycle Progression Proteins
 FILE REFERENCE: P015819WO CYK
 CURRENT APPLICATION NUMBER: US/10/745,237
 CURRENT FILING DATE: 2003-12-23
 PRIOR APPLICATION NUMBER: US 60/439,123
 PRIOR FILING DATE: 2003-01-10
 PRIOR APPLICATION NUMBER: US 60/468,402
 PRIOR FILING DATE: 2003-05-06
 NUMBER OF SEQ ID NOS: 600
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 268
 LENGTH: 1531
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: P11388
 US-10-745-237-268

Query Match Score 100.0%; DB 18; Length 1531;
 Best Local Similarity 100.0%; Pred. No. 2.8;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 828 FLYDDNQRV 836

RESULT 16
 US-10-296-115-1161
 Sequence 1161, Application US/10296115
 Publication No. US20040053248A1
 GENERAL INFORMATION:
 APPLICANT: Hyseq Inc
 TITLE OF INVENTION: No. US20040053248A1 Nucleic Acids and Polypeptides
 FILE REFERENCE: 784PCT
 CURRENT APPLICATION NUMBER: US/10/296,115
 CURRENT FILING DATE: 2002-11-18
 PRIOR APPLICATION NUMBER: US09/488,725
 PRIOR FILING DATE: 2000-01-21
 PRIOR APPLICATION NUMBER: US09/552,317
 PRIOR FILING DATE: 2000-04-25
 NUMBER OF SEQ ID NOS: 1478
 SEQ ID NO: 1161
 LENGTH: 1621
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: (1)...(1621)
 OTHER INFORMATION: xaa = any amino acid or other as shown in Table 3
 US-10-296-115-1161

Query Match 100.0%; Score 49; DB 15; Length 1621;
 Best Local Similarity 100.0%; Pred. No. 3; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 844 FLYDDNQRV 852

RESULT 17
 US-10-408-765A-3017
 ; Sequence 3017, Application US/10408765A
 ; Publication No. US20040101874A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ghosh, Soumitra S.
 ; APPLICANT: Fahy, Boin D.
 ; APPLICANT: Zhang, Bing
 ; APPLICANT: Gibson, Bradford W.
 ; APPLICANT: Taylor, Steven W.
 ; APPLICANT: Glenn, Gary M.
 ; APPLICANT: Warnock, Dale E.
 ; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
 ; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
 ; FILE REFERENCE: 660088 465
 ; CURRENT APPLICATION NUMBER: US/10/408,765A
 ; CURRENT FILING DATE: 2003-04-04
 ; NUMBER OF SEQ ID NOS: 3077
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 3017
 ; LENGTH: 1626
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-408-765A-3017

Query Match 100.0%; Score 49; DB 16; Length 1626;
 Best Local Similarity 100.0%; Pred. No. 3; Mismatches 0; Indels 0; Gaps 0;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 849 FLYDDNQRV 857

RESULT 18
 US-10-745-237-270
 ; Sequence 270, Application US/10745237
 ; Publication No. US20050227301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cyclacel Limited
 ; APPLICANT: Glover, David
 ; APPLICANT: Bell, Graham
 ; APPLICANT: Frenz, Lisa
 ; APPLICANT: Middley, Carol
 ; TITLE OF INVENTION: Cell Cycle Progression Proteins
 ; FILE REFERENCE: P015819WO CYK
 ; CURRENT APPLICATION NUMBER: US/10/745,237
 ; CURRENT FILING DATE: 2003-12-23
 ; PRIOR APPLICATION NUMBER: US 60/439 123
 ; PRIOR FILING DATE: 2003-01-10
 ; PRIOR APPLICATION NUMBER: US 60/468,402
 ; PRIOR FILING DATE: 2003-05-06
 ; NUMBER OF SEQ ID NOS: 600
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 270
 ; LENGTH: 1626
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; OTHER INFORMATION: Q028800
 US-10-745-237-270

Query Match 100.0%; Score 49; DB 18; Length 1626;
 Best Local Similarity 100.0%; Pred. No. 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 849 FLYDDNQRV 857

RESULT 19
 US-10-369-493-5435
 ; Sequence 5435, Application US/10369493
 ; Publication No. US20030233675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10 (52052) B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/360,039
 ; PRIOR FILING DATE: 2002-02-21
 ; NUMBER OF SEQ ID NOS: 4734
 ; SEQ ID NO: 5435
 ; LENGTH: 816
 ; TYPE: PRT
 ; ORGANISM: Caenorhabditis elegans
 US-10-369-493-5435

Query Match 81.6%; Score 40; DB 15; Length 816;
 Best Local Similarity 66.7%; Pred. No. 72; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 436 FLYEBNQR 444

RESULT 20
 US-10-369-493-5596
 ; Sequence 5596, Application US/10369493
 ; Publication No. US20030233675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10 (52052) B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/360,039
 ; NUMBER OF SEQ ID NOS: 4734
 ; SEQ ID NO: 5596
 ; LENGTH: 1520
 ; TYPE: PRT
 ; ORGANISM: Caenorhabditis elegans
 US-10-369-493-5596

Query Match 81.6%; Score 40; DB 15; Length 1520;
 Best Local Similarity 66.7%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 863 FLYEBNQR 871

RESULT 21
US-10-369-493-5597
Sequence 5597, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
FILE REFERENCE: 38-10(52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 5597
LENGTH: 1520
TYPE: PRT
ORGANISM: *Caenorhabditis elegans*
US-10-369-493-5597

Query Match 81.6%; Score 40; DB 15; Length 1520;
Best Local Similarity 66.7%; Pred. No. 1.4e+02;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn version 3.3

Qy 1 LYDDNQR 9
Db 863 FLYEENQR 871

RESULT 22
US-10-891-972-24
Sequence 24, Application US/10891972
Publication No. US20050065327A1
GENERAL INFORMATION:
APPLICANT: Monk, Phillip David

APPLICANT: Jermutus, Lutz
APPLICANT: Shortrock, Celia Patricia
APPLICANT: Minter, Ralph Raymond
TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
FILE REFERENCE: 05569.0008.NPUS03
CURRENT APPLICATION NUMBER: US/10/891,972
CURRENT FILING DATE: 2004-07-15
PRIOR APPLICATION NUMBER: US 60/487,512
PRIOR FILING DATE: 2003-07-15
PRIOR APPLICATION NUMBER: US 60/558,216
PRIOR FILING DATE: 2004-05-24
PRIOR APPLICATION NUMBER: GB 0407315.1
NUMBER OF SEQ ID NOS: 172
SEQ ID NO 24
LENGTH: 110
TYPE: PRT
ORGANISM: Artificial

RESULT 23
US-10-891-972-34
Sequence 34, Application US/10891972
Publication No. US20050065327A1
GENERAL INFORMATION:
APPLICANT: Monk, Phillip David
APPLICANT: Jermutus, Lutz
APPLICANT: Shortrock, Celia Patricia
APPLICANT: Minter, Ralph Raymond
TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
FILE REFERENCE: 05569.0008.NPUS03
CURRENT APPLICATION NUMBER: US/10/891,972
CURRENT FILING DATE: 2004-07-15
PRIOR APPLICATION NUMBER: US 60/487,512
PRIOR FILING DATE: 2004-03-31
PRIOR APPLICATION NUMBER: US 60/573,791
PRIOR FILING DATE: 2004-05-24
PRIOR APPLICATION NUMBER: GB 0407315.1
PRIOR FILING DATE: 2004-04-31
NUMBER OF SEQ ID NOS: 172
SEQ ID NO 34
SOFTWARE: PatentIn version 3.3

Qy 2 LYDDNQR 8
Db 49 IYDDNQR 55

RESULT 24
US-10-779-461-11
Sequence 11, Application US/10779461
Publication No. US20040166544A1
GENERAL INFORMATION:
APPLICANT: Morton, Phillip A.
TITLE OF INVENTION: ANTIBODIES TO c-MET FOR THE TREATMENT OF CANCERS
FILE REFERENCE: 00980/1
CURRENT APPLICATION NUMBER: US/10/779,461
CURRENT FILING DATE: 2004-02-13
PRIOR APPLICATION NUMBER: 60/447,073
NUMBER OF SEQ ID NOS: 161
SEQ ID NO 11
LENGTH: 250
TYPE: PRT
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: phage display generated human antibody
US-10-779-461-11

Query Match 75.5%; Score 37; DB 16; Length 250;
Best Local Similarity 85.7%; Pred. No. 74;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Software: PatentIn version 3.2

Qy 2 LYDDNQR 8
Db 187 IYDDNQR 193

RESULT 25
US-10-779-461-51

```

; Sequence 51, Application US/10779461
; Publication No. US20040166544A1
; GENERAL INFORMATION:
; APPLICANT: Morton, Philip A
; TITLE OF INVENTION: ANTIBODIES TO C-MET FOR THE TREATMENT OF CANCERS
; FILE REFERENCE: 00980/1
; CURRENT APPLICATION NUMBER: US/10/779,461
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: 60/447,073
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 161
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 51
; LENGTH: 251
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: phage display generated human antibody
US-10-779-461-51

Query Match      75 5%; Score 37; DB 16; Length 251;
Best Local Similarity 85.7%; Pred. No. 75; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 0; Length: 617
Qy   2 LYDDNQR 8
Db   187 IYDDNQR 193

RESULT 26
US-11-097-143-1551
; Sequence 1551, Application US/11097143
; Publication No. US20050208558A1
; GENERAL INFORMATION:
; APPLICANT: Venter, J. Craig
; APPLICANT: et al.
; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE TITLE OF INVENTION: DROSOPHILA GENES.
; FILE REFERENCE: CLO00728
; CURRENT APPLICATION NUMBER: US/11/097,143
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: 60/157,832
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: 60/160,191
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: 60/161,932
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 60/164,769
; PRIOR APPLICATION NUMBER: 60/173,383
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/175,693
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/184,831
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/191,637
; PRIOR FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 43008
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1551
; LENGTH: 385
; TYPE: PRT
; ORGANISM: DROSOPHILA
US-11-097-143-1551

Query Match      75.5%; Score 37; DB 20; Length 385;
Best Local Similarity 77.8%; Pred. No. 1.2e+02; Indels 1; Gaps 0;
Matches 7; Conservative 1; Mismatches 1; Length: 385
Qy   1 LYDDNQR 9
Db   55 YLTDDNQRV 63

RESULT 27
US-10-437-963-162226
; Sequence 162226, Application US/10437963
; Publication No. US2004013343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukhacov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With OTHER INFORMATION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(532)1B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 162226
; LENGTH: 617
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_61338C.1.pep
US-10-437-963-162226

Query Match      75.5%; Score 37; DB 16; Length 617;
Best Local Similarity 66.7%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 6; Conservative 2; Mismatches 1; Length: 617
Qy   1 LYDDNQRV 9
Db   249 LYDDNQRV 257

RESULT 28
US-10-425-114-47619
; Sequence 47619, Application US/10425114
; Publication No. US2004034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovacic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With OTHER INFORMATION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(532)1B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 47619
; LENGTH: 83
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700045655_FLI.pep
US-10-425-114-47619

Query Match      71.4%; Score 35; DB 15; Length 83;
Best Local Similarity 85.7%; Pred. No. 54; Indels 0; Gaps 0;
Matches 6; Conservative 1; Mismatches 0; Length: 83
Qy   2 LYDDNQR 8
Db   39 LYDENQR 45

RESULT 29

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US-10-282-122A-69066 ; FILE REFERENCE: 38-21(53221)B
; Sequence 69066, Application US/10282122A
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 105620
; LENGTH: 274
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_13760C.1.pep
US-10-437-963-109620

Query Match 71.4%; Score 35; DB 16; Length 274;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0
Qy 2 LYDDNQR 8
Db 207 LYDDNKR 213

RESULT 31
US-10-732-923-10167
; Sequence 10167, Application US/107322923
; Publication No. US2005108791A1
; GENERAL INFORMATION:
; APPLICANT: Edgetton, Michael D
; TITLE OF INVENTION: TRANSGENIC PLANTS WITH IMPROVED PHENOTYPES
; FILE REFERENCE: 38-15(52796)C
; CURRENT APPLICATION NUMBER: US/10/732,923
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: 10/310,154
; PRIOR FILING DATE: 2002-12-04
; NUMBER OF SEQ ID NOS: 24149
; SEQ ID NO 10167
; LENGTH: 396
; TYPE: PRT
; ORGANISM: Fusobacterium nucleatum subsp. nucleatum ATCC 25586
US-10-732-923-10167

Query Match 71.4%; Score 35; DB 17; Length 396;
Best Local Similarity 62.5%; Pred. No. 2.9e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0
Qy 1 FLYDDNQR 8
Db 207 FLYDDNDK 214

RESULT 32
US-10-369-493-3569
; Sequence 3569, Application US/10369493
; Publication No. US20030233675A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTIVITY
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/359,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 3569
; LENGTH: 441
; TYPE: PRT
; ORGANISM: Neurospora crassa
; FEATURE:
; NUMBER/KEY: Unsure

Remaining Prior Application data removed - See File Wrapper or PALM.

Software: PatentIn version 3.1
SEQ ID NO 69066
TYPE: PRT
ORGANISM: Proteus mirabilis
US-10-282-122A-69066

Query Match 71.4%; Score 35; DB 15; Length 219;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0
Qy 1 FLYDDNQR 8
Db 31 FVYDDNLR 38

RESULT 30
US-10-37-96-109620
; Sequence 109620, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Barbazuk, Andrey A.
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; TITLE OF INVENTION: Plants and Other Molecules Associated with
; NUMBER/KEY: Unsure

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LOCATION: (1)..(441)
OTHER INFORMATION: unsure at all xaa locations
US-10-369-493-3569

Query Match Score 35; DB 15; Length 441;
Best Local Similarity 55.6%; Pred. No. 3.3e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
Qy 1 FLYDDNQRV 9
Db 422 FMYDDNKR1 430

RESULT 33
US-10-425-115-295784
Sequence 295784, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 25784
LENGTH: 463
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: MRT4577_32834C.1.pep
US-10-425-115-295784

Query Match Score 35; DB 16; Length 463;
Best Local Similarity 55.6%; Pred. No. 3.5e+02;
Matches 5; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FLYDDNQRV 9
Db 315 FLYDDNQK1 323

RESULT 34
US-10-425-115-347738
Sequence 347738, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 347738
LENGTH: 618
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: MRT4577_80298C.1.pep
US-10-425-115-347738

Query Match Score 35; DB 16; Length 618;
Best Local Similarity 81.7%; Pred. No. 4.8e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LYDDNQR 8

Db 553 LYDENQR 559

RESULT 35
US-10-425-114-53896
Sequence 53896, Application US/10425114
Publication No. US2004033488A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E.
APPLICANT: Tabaska, Jack E.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53113)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 53896
LENGTH: 623
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: LIB3060-049-B7_FLI_pep
US-10-425-114-53896

Query Match Score 35; DB 15; Length 623;
Best Local Similarity 85.7%; Pred. No. 4.8e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LYDDNQR 8
Db 558 LYDENQR 564

RESULT 36
US-10-369-493-20595
Sequence 20595, Application US/10369493
Publication No. US20030233675A1
GENERAL INFORMATION:
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Goldman, Barry S.
APPLICANT: Chen, Xianfeng
APPLICANT: Cao, Yongwei
APPLICANT: Hinkle, Gregory J.
APPLICANT: Chen, Xianfeng
TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
FILE REFERENCE: 38-10 (52052)B
CURRENT APPLICATION NUMBER: US/10/369,493
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/360,039
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 47374
SEQ ID NO 20595
LENGTH: 655
TYPE: PRT
ORGANISM: Rhodopseudomonas palustris
US-10-369-493-20595

Query Match Score 35; DB 15; Length 655;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FLYDDN 6
Db 175 FLYDDN 180

RESULT 37
US-10-282-122A-47206

Sequence 47206, Application US/10282122A
 Publication No. US20040029129A1
 GENERAL INFORMATION:
 APPLICANT: Wang, Liangsu
 APPLICANT: Zamudio, Carlos
 APPLICANT: Malone, Cheryl
 APPLICANT: Haselbeck, Robert
 APPLICANT: Ohlsen, Kari
 APPLICANT: Zyskind, Judith
 APPLICANT: Wall, Daniel
 APPLICANT: Trawick, John
 APPLICANT: Carr, Grant
 APPLICANT: Yamamoto, Robert
 APPLICANT: Forsyth, R.
 APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
 FILE REFERENCE: ELITRA.034A
 CURRENT APPLICATION NUMBER: US/10/282,122A
 CURRENT FILING DATE: 2003-02-20
 PRIOR APPLICATION NUMBER: 60/191,078
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 60/205,848
 PRIOR FILING DATE: 2000-05-23
 PRIOR APPLICATION NUMBER: 60/207,727
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: 60/230,335
 PRIOR FILING DATE: 2000-09-06
 PRIOR APPLICATION NUMBER: 60/230,347
 PRIOR FILING DATE: 2000-09-09
 PRIOR APPLICATION NUMBER: 60/242,578
 PRIOR FILING DATE: 2000-10-23
 PRIOR APPLICATION NUMBER: 60/253,625
 PRIOR FILING DATE: 2000-11-27
 PRIOR APPLICATION NUMBER: 60/257,931
 PRIOR FILING DATE: 2000-12-22
 PRIOR APPLICATION NUMBER: 60/267,636
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: 60/269,308
 PRIOR FILING DATE: 2001-02-16
 SEQ ID NO: 47206
 LENGTH: 659
 SOFTWARE: PatentIn version 3.1
 TYPE: PRT
 ORGANISM: Borrelia burgdorferi
 US-10-282-122A-47206

Query Match 71.4%; Score 35; DB 15; Length 659;
 Best Local Similarity 62.5%; Pred. No. 5.1e+02;
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

RESULT 38
 US-10-156-761-9305
 Sequence 9305, Application US/10156761
 Publication No. US2003119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN
 APPLICANT: HORIKAWA, HIROSHI
 APPLICANT: SHIBA, TABAYOSHI
 APPLICANT: SAKAKI, YOSHIOUKI
 APPLICANT: HATTORI, MASAHIRA
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761
 CURRENT FILING DATE: 2002-05-29

Query Match 71.4%; Score 35; DB 15; Length 843;
 Best Local Similarity 62.5%; Pred. No. 6.7e+02;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

RESULT 39
 US-10-282-122A-68528
 Sequence 68528, Application US/10282122A
 Publication No. US20040029129A1
 GENERAL INFORMATION:
 APPLICANT: Wang, Liangsu
 APPLICANT: Zamudio, Carlos
 APPLICANT: Malone, Cheryl
 APPLICANT: Haselbeck, Robert
 APPLICANT: Ohlsen, Kari
 APPLICANT: Zyskind, Judith
 APPLICANT: Wall, Daniel
 APPLICANT: Trawick, John
 APPLICANT: Carr, Grant
 APPLICANT: Yamamoto, Robert
 APPLICANT: Forsyth, R.
 APPLICANT: Xu, H.

TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
 FILE REFERENCE: ELITRA.034A
 CURRENT APPLICATION NUMBER: US/10/282,122A
 CURRENT FILING DATE: 2003-02-20
 PRIOR APPLICATION NUMBER: 60/191,078
 PRIOR APPLICATION NUMBER: 60/205,848
 PRIOR APPLICATION NUMBER: 60/230,335
 PRIOR APPLICATION NUMBER: 60/230,347
 PRIOR APPLICATION NUMBER: 60/242,578
 PRIOR APPLICATION NUMBER: 60/253,625
 PRIOR APPLICATION NUMBER: 60/257,931
 PRIOR APPLICATION NUMBER: 60/267,636
 PRIOR APPLICATION NUMBER: 60/269,308
 PRIOR APPLICATION NUMBER: 60/277,727
 PRIOR APPLICATION NUMBER: 60/282,122A
 PRIOR APPLICATION NUMBER: 60/291,078
 PRIOR APPLICATION NUMBER: 60/299,291
 PRIOR APPLICATION NUMBER: 60/300,347
 PRIOR APPLICATION NUMBER: 60/300,349
 PRIOR APPLICATION NUMBER: 60/300,355
 PRIOR APPLICATION NUMBER: 60/300,356
 PRIOR APPLICATION NUMBER: 60/300,357
 PRIOR APPLICATION NUMBER: 60/300,358
 PRIOR APPLICATION NUMBER: 60/300,359
 PRIOR APPLICATION NUMBER: 60/300,360
 PRIOR APPLICATION NUMBER: 60/300,361
 PRIOR APPLICATION NUMBER: 60/300,362
 PRIOR APPLICATION NUMBER: 60/300,363
 PRIOR APPLICATION NUMBER: 60/300,364
 PRIOR APPLICATION NUMBER: 60/300,365
 PRIOR APPLICATION NUMBER: 60/300,366
 PRIOR APPLICATION NUMBER: 60/300,367
 PRIOR APPLICATION NUMBER: 60/300,368
 PRIOR APPLICATION NUMBER: 60/300,369
 PRIOR APPLICATION NUMBER: 60/300,370
 PRIOR APPLICATION NUMBER: 60/300,371
 PRIOR APPLICATION NUMBER: 60/300,372
 PRIOR APPLICATION NUMBER: 60/300,373
 PRIOR APPLICATION NUMBER: 60/300,374
 PRIOR APPLICATION NUMBER: 60/300,375
 PRIOR APPLICATION NUMBER: 60/300,376
 PRIOR APPLICATION NUMBER: 60/300,377
 PRIOR APPLICATION NUMBER: 60/300,378
 PRIOR APPLICATION NUMBER: 60/300,379
 PRIOR APPLICATION NUMBER: 60/300,380
 PRIOR APPLICATION NUMBER: 60/300,381
 PRIOR APPLICATION NUMBER: 60/300,382
 PRIOR APPLICATION NUMBER: 60/300,383
 PRIOR APPLICATION NUMBER: 60/300,384
 PRIOR APPLICATION NUMBER: 60/300,385
 PRIOR APPLICATION NUMBER: 60/300,386
 PRIOR APPLICATION NUMBER: 60/300,387
 PRIOR APPLICATION NUMBER: 60/300,388
 PRIOR APPLICATION NUMBER: 60/300,389
 PRIOR APPLICATION NUMBER: 60/300,390
 PRIOR APPLICATION NUMBER: 60/300,391
 NUMBER OF SEQ ID NOS: 78614
 Remaining Prior Application data removed - See File Wrapper or PALM.
 SEQ ID NO: 47206
 LENGTH: 659
 SOFTWARE: PatentIn version 3.1
 TYPE: PRT
 ORGANISM: Borrelia burgdorferi
 US-10-282-122A-47206

Query Match 71.4%; Score 35; DB 14; Length 693;
 Best Local Similarity 100.0%; Pred. No. 5.4e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 38
 US-10-156-761-9305
 Sequence 9305, Application US/10156761
 Publication No. US2003119018A1
 GENERAL INFORMATION:
 APPLICANT: OMURA, SATOSHI
 APPLICANT: IKEDA, HARUO
 APPLICANT: ISHIKAWA, JUN
 APPLICANT: HORIKAWA, HIROSHI
 APPLICANT: SHIBA, TABAYOSHI
 APPLICANT: SAKAKI, YOSHIOUKI
 APPLICANT: HATTORI, MASAHIRA
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-262
 CURRENT APPLICATION NUMBER: US/10/156,761
 CURRENT FILING DATE: 2002-05-29

Query Match 71.4%; Score 35; DB 15; Length 843;
 Best Local Similarity 62.5%; Pred. No. 6.7e+02;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
Db 475 YLYEDNQK 482

RESULT 40
US-10-437-963-189782
; Sequence 189782, Application US/10437963
; GENERAL INFORMATION:
; Publication No. US20040123343A1
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; Title of Invention: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 189782
; LENGTH: 2122
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1).:(2122)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_86258C.1.pep
US-10-437-963-189782

Query Match 71.4%; Score 35; DB 16; Length 2122;
Best Local Similarity 55.6%; Pred. No. 1.8e+03;
Matches 5; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 9
Db 1957 FLYNDNQK 1965

RESULT 41
US-10-424-539-182919
; Sequence 182919, Application US/10424599
; GENERAL INFORMATION:
; Publication No. US2004031072A1
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; Title of Invention: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(5223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 182919
; LENGTH: 78
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1).:(78)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_13618C.1.pep
US-10-424-539-182919

Query Match 69.4%; Score 34; DB 18; Length 158;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 66 LYDNQR 72

RESULT 42
US-10-450-763-33539
; Sequence 33539, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790C1P3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; SOFTWARE: Custom
; SEQ ID NO 33539
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-763-33539

Query Match 69.4%; Score 34; DB 18; Length 158;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
Db 71 YDDHQRV 77

RESULT 43
US-10-450-763-50354
; Sequence 50354, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790C1P3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; SOFTWARE: Custom
; SEQ ID NO 50354
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-763-50354

Query Match 69.4%; Score 34; DB 18; Length 158;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
Db 71 YDDHQRV 77

RESULT 44

US-10-767-701-15086
 ; Sequence 35086, Application US/10767701
 ; Publication No. US20040172684A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovacic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; Plants and Uses Thereof For Plant Improvement
 ; FILE REFERENCE: 38-21(53535)B
 ; CURRENT APPLICATION NUMBER: US/10/767,701
 ; CURRENT FILING DATE: 2004-01-29
 ; NUMBER OF SEQ ID NOS: 63128
 ; SEQ ID NO: 35086
 ; LENGTH: 223
 ; TYPE: PRT
 ; ORGANISM: Sorghum bicolor
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: (1) (223)
 ; OTHER INFORMATION: unsure at all Xaa locations
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C59752_1.pep
 ; US-10-767-701-15086

Query Match	69.4%	Score 34;	DB 16;	Length 223;	
Best Local Similarity	55.6%	Pred. No.	2.4e+02;		
Matches	5;	Mismatches	3;	Indels	0;
Gaps	0;				

Qy 1 FLYDDNQR9 9
 Db 66 FLYDDYKI 74

RESULT 45

US-10-425-115-284417
 ; Sequence 284417, Application US/10425115
 ; Publication No. US20040214272A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa, Thomas J.
 ; APPLICANT: Kovacic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; Plants
 ; FILE REFERENCE: 38-21(53222)B
 ; CURRENT APPLICATION NUMBER: US/10/425,115
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 369326
 ; SEQ ID NO: 284417
 ; LENGTH: 223
 ; TYPE: PRT
 ; ORGANISM: zea mays
 ; FEATURE: zea mays
 ; OTHER INFORMATION: Clone ID: MRT4577_22491C.1.pep
 ; US-10-425-115-284417

Query Match	69.4%	Score 34;	DB 16;	Length 223;	
Best Local Similarity	55.6%	Pred. No.	2.4e+02;		
Matches	5;	Mismatches	3;	Indels	0;
Gaps	0;				

Qy 1 FLYDDNQR9 9
 Db 175 FLYDDYKI 183

RESULT 46

US-11-097-143-42144
 ; Sequence 42144, Application US/11097143
 ; Publication No. US20050208558A1

GENERAL INFORMATION:
 ; APPLICANT: Venter, J. Craig
 ; APPLICANT: et al.
 ; TITLE OF INVENTION: DETECTION KIT, SUCH AS NUCLEIC ACID ARRAYS, FOR DETECTING EXPRESSION OF 10,000 OR MORE
 ; TITLE OF INVENTION: DROSOPHILA GENES.
 ; FILE REFERENCE: CL000728
 ; CURRENT APPLICATION NUMBER: US/11/097,143
 ; CURRENT FILING DATE: 2003-04-04
 ; PRIORITY NUMBER: 60/157,832
 ; PRIORITY NUMBER: 1999-10-05
 ; PRIORITY NUMBER: 60/160,191
 ; PRIORITY NUMBER: 1999-10-19
 ; PRIORITY NUMBER: 60/161,932
 ; PRIORITY NUMBER: 1999-10-28
 ; PRIORITY NUMBER: 60/164,769
 ; PRIORITY NUMBER: 1999-11-12
 ; PRIORITY NUMBER: 60/173,383
 ; PRIORITY NUMBER: 1999-11-28
 ; PRIORITY NUMBER: 60/175,693
 ; PRIORITY NUMBER: 2000-01-12
 ; PRIORITY NUMBER: 60/184,831
 ; PRIORITY NUMBER: 2000-02-24
 ; PRIORITY NUMBER: 60/191,637
 ; PRIORITY NUMBER: 2000-03-23
 ; NUMBER OF SEQ ID NOS: 43008
 ; SOFTWARE: FastSBQ for Windows Version 4.0
 ; SEQ ID NO: 42144
 ; LENGTH: 340
 ; TYPE: PRT
 ; ORGANISM: DROSOPHILA
 ; US-11-097-143-42144

Query Match	69.4%	Score 34;	DB 20;	Length 340;	
Best Local Similarity	85.7%	Pred. No.	3.9e+02;		
Matches	6;	Conservative	0;	Mismatches	1;
Indels	0;				
Gaps	0;				

Qy 2 LYDDNOR 8
 Db 83 LYDDNNR 89

RESULT 47

US-10-425-115-351465
 ; Sequence 351465, Application US/10425115
 ; Publication No. US20040214272A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa, Thomas J.
 ; APPLICANT: Kovacic, David K.
 ; APPLICANT: Zhou, Yihua
 ; APPLICANT: Cao, Yongwei
 ; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 ; Plants
 ; FILE REFERENCE: 38-21(53222)B
 ; CURRENT APPLICATION NUMBER: US/10/425,115
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 369326
 ; SEQ ID NO: 351465
 ; LENGTH: 383
 ; TYPE: PRT
 ; ORGANISM: Zea mays
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: MRT4577_83700C.1.pep
 ; US-10-425-115-351465

Query Match	69.4%	Score 34;	DB 16;	Length 383;	
Best Local Similarity	55.6%	Pred. No.	4.5e+02;		
Matches	5;	Conservative	3;	Mismatches	1;
Indels	0;				
Gaps	0;				

Qy 1 FLYDDNQR9 9
 Db 20 FLYDDYKI 28

RESULT 48
 US-10-425-115-351466 Application US/10425115
 Sequence 351466, Application US/10425115
 GENERAL INFORMATION:
 Publication No. US20040214272A1
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 FILE REFERENCE: 38-21(53222)B
 CURRENT APPLICATION NUMBER: US/10/425,115
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 369326
 SEQ ID NO: 351466
 LENGTH: 463
 TYPE: PRT
 ORGANISM: zea mays
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)..(463)
 OTHER INFORMATION: unsure at all Xaa locations
 FEATURER:
 OTHER INFORMATION: Clone ID: MRT4577_83701C.1.pep
 US-10-425-115-351466

Query Match 69.4%; Score 34; DB 16; Length 463;
 Best Local Similarity 55.6%; Pred. No. 5.4e+02;
 Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 LYDDNQRV 9
 Db 187 FLYDDYKI 195

Search completed: November 3, 2005, 13:08:09
 Job time : 168 secs

RESULT 49
 US-09-738-626-6678
 Sequence 6678, Application US/09738626
 GENERAL INFORMATION:
 APPLICANT: NAKAGAWA, SATOSHI
 APPLICANT: ANDO, SEIKO
 APPLICANT: HAYASHI, MIKIRO
 APPLICANT: OCHAI, KEIKO
 APPLICANT: YOKOI, HARUHIKO
 APPLICANT: TABIBISHI, NAOKO
 APPLICANT: SENOH, AKIHIRO
 APPLICANT: IKEDA, MASATO
 APPLICANT: OZAKI, AKIO
 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
 FILE REFERENCE: 249-125
 CURRENT APPLICATION NUMBER: US/09/738,626
 CURRENT FILING DATE: 2000-12-18
 PRIOR APPLICATION NUMBER: JP 99/377484
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: JP 00/159162
 PRIOR FILING DATE: 2000-04-07
 PRIOR APPLICATION NUMBER: JP 00/280988
 PRIOR FILING DATE: 2000-08-03
 NUMBER OF SEQ ID NOS: 7059
 SOFTWARE: PatentIn ver. 3.0
 SEQ ID NO: 6678
 LENGTH: 498
 TYPE: PRT
 ORGANISM: Corynebacterium glutamicum
 US-09-738-626-6678

Query Match 69.4%; Score 34; DB 9; Length 498;
 Best Local Similarity 75.0%; Pred. No. 5.9e+02;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Result No.	Score	Query	Match	Length	DB	ID	Description
1	49	100.0	1531	4	US-09-976-594-203	Sequence 203, App1	Sequence 16, App1
2	43	87.8	142	1	US-08-470-179-30	Sequence 30, App1	Sequence 16, App1
3	37	75.5	324	4	US-09-270-167-41224	Sequence 43224, A	Sequence 16, App1
4	36	73.5	189	4	US-09-328-552-6722	Sequence 6722, App1	Sequence 14, App1
5	36	73.5	1665	4	US-09-543-681A-4476	Sequence 4476, App1	Sequence 14, App1
6	35	71.4	233	4	US-09-543-681A-3354	Sequence 4354, App1	Sequence 9, App1
7	35	71.4	855	4	US-09-543-681A-7287	Sequence 7287, App1	Sequence 9, App1
8	34	69.4	235	2	US-08-580-545B-10	Sequence 10, App1	Sequence 14, App1
9	34	69.4	235	3	US-09-562-653A-10	Sequence 10, App1	Sequence 14, App1
10	34	69.4	457	4	US-09-248-596A-3295	Sequence 23295, A	Sequence 14, App1
11	34	69.4	737	4	US-09-902-540-16346	Sequence 16346, A	Sequence 14, App1
12	33	67.3	64	2	US-08-179-167-19	Sequence 19, App1	Sequence 16, App1
13	33	67.3	108	1	US-08-259-312A-10	Sequence 10, App1	Sequence 16, App1
14	33	67.3	108	1	US-08-468-671-10	Sequence 10, App1	Sequence 16, App1
15	33	67.3	108	3	US-09-125-769B-20	Sequence 20, App1	Sequence 16, App1
16	33	67.3	108	4	US-09-490-070A-20	Sequence 20, App1	Sequence 16, App1
17	33	67.3	108	4	US-09-490-153-20	Sequence 20, App1	Sequence 16, App1
18	33	67.3	108	4	US-09-590-34-20	Sequence 20, App1	Sequence 16, App1
19	33	67.3	109	3	US-09-157-310-5	Sequence 5, App1	Sequence 2, App1
20	33	67.3	113	4	US-09-377-285B-65	Sequence 65, App1	Sequence 107, App
21	33	67.3	130	4	US-09-767-61055	Sequence 61055, A	Sequence 11528, A
22	33	67.3	261	4	US-09-902-540-16311	Sequence 16311, A	Sequence 9, App1
23	33	67.3	522	3	US-08-894-818B-3	Sequence 3, App1	Sequence 6122, App
24	33	67.3	522	3	US-09-445-472-4	Sequence 4, App1	Sequence 66, App1
25	33	67.3	522	3	US-10-090-524-4	Sequence 4, App1	Sequence 11644, A
26	33	67.3	654	3	US-08-894-818B-35	Sequence 35, App1	Sequence 5247, App
27	33	67.3	654	3	US-09-445-472-16	Sequence 16, App1	Sequence 100
28	67.3	33	33	67.3	902	1	US-08-701-846-2
29	67.3	33	32	65.3	109	3	US-09-025-769B-32
30	67.3	33	32	65.3	109	4	US-09-1490-070A-32
31	67.3	33	32	65.3	109	4	US-09-490-070A-51
32	65.3	32	65.3	109	4	US-09-490-070A-51	
33	65.3	32	65.3	109	4	US-09-490-153-22	
34	65.3	32	65.3	109	4	US-09-490-153-22	
35	65.3	32	65.3	109	4	US-09-490-153-22	
36	65.3	32	65.3	109	4	US-09-490-153-22	
37	65.3	32	65.3	109	4	US-09-490-153-22	
38	65.3	32	65.3	109	4	US-09-490-153-22	
39	65.3	32	65.3	109	4	US-09-490-153-22	
40	65.3	32	65.3	109	4	US-09-490-153-22	
41	65.3	32	65.3	109	4	US-09-490-153-22	
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49	63.3	31	63.3	99	4	US-09-490-153-22	
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79	63.3	31	63.3	99	4	US-09-490-153-22	
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95	63.3	30	61.2	178	4	US-09-562-818A-16	
96	63.3	30	61.2	178	4	US-09-562-818A-16	
97	63.3	30	61.2	178	4	US-09-562-818A-16	
98	63.3	30	61.2	178	4	US-09-562-818A-16	
99	63.3	30	61.2	178	4	US-09-562-818A-16	
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OM protein - protein search, using SW model

Run on: November 3, 2005, 12:41:33 ; Search time 22 Seconds
(without alignments)Total number of hits satisfying chosen parameters: 513545
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Maximum Match 100%
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	49	100.0	1531	4	US-09-976-594-203	Sequence 203, App1	Sequence 16, App1
2	43	87.8	142	1	US-08-470-179-30	Sequence 30, App1	Sequence 16, App1
3	37	75.5	324	4	US-09-270-167-41224	Sequence 43224, A	Sequence 16, App1
4	36	73.5	189	4	US-09-328-552-6722	Sequence 6722, App1	Sequence 14, App1
5	36	73.5	1665	4	US-09-543-681A-4476	Sequence 4476, App1	Sequence 14, App1
6	35	71.4	233	4	US-09-543-681A-3354	Sequence 4354, App1	Sequence 9, App1
7	35	71.4	855	4	US-09-543-681A-7287	Sequence 7287, App1	Sequence 9, App1
8	34	69.4	235	2	US-08-580-545B-10	Sequence 10, App1	Sequence 14, App1
9	34	69.4	235	3	US-09-562-653A-10	Sequence 10, App1	Sequence 14, App1
10	34	69.4	457	4	US-09-248-596A-3295	Sequence 23295, A	Sequence 14, App1
11	34	69.4	737	4	US-09-902-540-16346	Sequence 16346, A	Sequence 14, App1
12	33	67.3	64	2	US-08-179-167-19	Sequence 19, App1	Sequence 2, App1
13	33	67.3	108	1	US-08-259-312A-10	Sequence 10, App1	Sequence 2, App1
14	33	67.3	108	1	US-08-468-671-10	Sequence 10, App1	Sequence 2, App1
15	33	67.3	108	3	US-09-125-769B-20	Sequence 20, App1	Sequence 107, App
16	33	67.3	108	4	US-09-490-070A-20	Sequence 20, App1	Sequence 107, App
17	33	67.3	108	4	US-09-490-153-20	Sequence 20, App1	Sequence 107, App
18	33	67.3	108	4	US-09-590-34-20	Sequence 20, App1	Sequence 107, App
19	33	67.3	109	3	US-09-157-310-5	Sequence 10, App1	Sequence 107, App
20	33	67.3	113	4	US-09-377-285B-65	Sequence 65, App1	Sequence 107, App
21	33	67.3	130	4	US-09-767-61055	Sequence 61055, A	Sequence 107, App
22	33	67.3	261	4	US-09-902-540-16311	Sequence 16311, A	Sequence 107, App
23	33	67.3	522	3	US-08-894-818B-3	Sequence 3, App1	Sequence 107, App
24	33	67.3	522	3	US-09-445-472-4	Sequence 4, App1	Sequence 107, App
25	33	67.3	522	3	US-10-090-524-4	Sequence 4, App1	Sequence 107, App
26	33	67.3	654	3	US-08-894-818B-35	Sequence 35, App1	Sequence 107, App
27	33	67.3	654	3	US-09-445-472-16	Sequence 35, App1	Sequence 107, App

ALIGNMENTS

RESULT 1

US-09-976-594-203
Sequence 203, Application US/09976594
GENERAL INFORMATION:
APPLICANT: Furness, Michael
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/240,409
PRIOR FILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 1143
SOFTWARE: PERL Program
SEQ ID NO: 203
LENGTH: 1531
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. 6673549 1867417CD1

Query Match Score 49; DB 4; Length 1531;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 828 FLYDDNQRV 836

RESULT 2

US-08-470-179-30
Sequence 30, Application US/08470179
GENERAL INFORMATION:
APPLICANT: Huang, Ph.D., Wai Mun
TITLE OF INVENTION: Method and Compositions for
NUMBER OF SEQUENCES: 207
CORRESPONDENCE ADDRESS:
ADDRESSEE: Trask, Britt and Rossa
STREET: P.O. Box 2550
CITY: Salt Lake City
STATE: Utah
ZIP: 84110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,179
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sweigert, Ph.D., Susan E.
REGISTRATION NUMBER: 36,289
REFERENCE/DOCKET NUMBER: 2601
TELECOMMUNICATION INFORMATION:
TELEPHONE: 801-532-1522
TELEFAX: 801-531-9168
SEQUENCE CHARACTERISTICS:
LENGTH: 142 amino acids

TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: Not relevant
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-470-179-30

Query Match Score 43; DB 1; Length 142;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQRV 9
Db 110 LYDDNQRV 117

RESULT 3

US-09-270-767-43224
Sequence 43224, Application US/09270767
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 43224
LENGTH: 324
TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-270-767-43224

Query Match Score 75.5%; DB 4; Length 324;
Best Local Similarity 77.8%; Pred. No. 35;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 59 YLTDNQRV 67

RESULT 4

US-09-328-352-6722
Sequence 6722, Application US/09328352
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: GTC9-03PA
CURRENT APPLICATION NUMBER: US/09/328,352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO: 6722
LENGTH: 189
TYPE: PRT
ORGANISM: Acinetobacter baumannii
US-09-328-352-6722

Query Match Score 36; DB 4; Length 189;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQRV 9
Db 108 YDDNQRV 114

RESULT 5
 US-09-543-681A-4476
 Sequence 4476 Application US/09543681A
 ; Parent No. 6605709
 ; GENERAL INFORMATION:
 ; APPLICANT: GARY BRETON
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 ; FILE REFERENCE: 2709.1002-001
 ; CURRENT APPLICATION NUMBER: US/09/543, 681A
 ; CURRENT FILING DATE: 2000-04-05
 ; PRIOR APPLICATION NUMBER: US 60/128,706
 ; PRIOR FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 8344
 ; SEQ ID NO: 4476
 ; LENGTH: 1665
 ; TYPE: PRT
 ; ORGANISM: Proteus mirabilis
 US-09-543-681A-4476

Query Match 73.5%; Score 36; DB 4; Length 1665;
 Best Local Similarity 66.7%; Pred. No. 2.9e+02;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 9
 Db 4:||||| :|||:|||

RESULT 6
 US-09-543-681A-4354
 ; Sequence 4354, Application US/09543681A
 ; Parent No. 6605709
 ; GENERAL INFORMATION:
 ; APPLICANT: GARY BRETON
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 ; FILE REFERENCE: 2709.1002-001
 ; CURRENT APPLICATION NUMBER: US/09/543, 681A
 ; CURRENT FILING DATE: 2000-04-05
 ; PRIOR APPLICATION NUMBER: US 60/128,706
 ; PRIOR FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 8344
 ; SEQ ID NO: 4354
 ; LENGTH: 233
 ; TYPE: PRT
 ; ORGANISM: Proteus mirabilis
 US-09-543-681A-4354

Query Match 71.4%; Score 35; DB 4; Length 233;
 Best Local Similarity 75.0%; Pred. No. 58;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
 Db 45 FVYDDNLR 52

RESULT 7
 US-09-543-681A-7287
 ; Sequence 7287, Application US/09543681A
 ; Parent No. 6605709
 ; GENERAL INFORMATION:
 ; APPLICANT: GARY BRETON
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
 ; FILE REFERENCE: 2709.1002-001
 ; CURRENT APPLICATION NUMBER: US/09/543, 681A
 ; CURRENT FILING DATE: 2000-04-05
 ; PRIOR APPLICATION NUMBER: US 60/128,706
 ; PRIOR FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 8344

Query Match 71.4%; Score 35; DB 4; Length 855;
 Best Local Similarity 62.5%; Pred. No. 2.2e+02;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
 Db 487 YLYEDNQK 494

RESULT 8
 US-08-580-545B-10
 ; Sequence 10, Application US/08580545B
 ; Patent No. 5932713
 ; GENERAL INFORMATION:
 ; APPLICANT: Yoshihisa, Kasukabe
 ; APPLICANT: Koichi, Fujisawa
 ; APPLICANT: Susumu, Nishiguchi
 ; APPLICANT: Yoshihiko, Maekawa
 ; APPLICANT: Randy, Allen
 ; TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson P. C.
 ; STREET: 601 Thirteenth Street, NW
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20005
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATE:
 ; APPLICATION NUMBER: US/08/580,545B
 ; FILING DATE:
 ; CLASSIFICATION: 800
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Bretschneider, Barry E.
 ; REGISTRATION NUMBER: 28,055
 ; REFERENCE/DOCKET NUMBER: 04473/068001
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202/783-5570
 ; TELEFAX: 202/783-2331
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 235 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-580-545B-10

Query Match 69.4%; Score 34; DB 2; Length 235;
 Best Local Similarity 62.5%; Pred. No. 90;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
 Db 121 FVYEBENQR 128

RESULT 9
 US-08-262-653A-10
 ; Sequence 10, Application US/09262653A
 ; Patent No. 6166294
 ; GENERAL INFORMATION:
 ; APPLICANT: Yoshihisa, Kasukabe

APPLICANT: Koichi, Fujisawa
 APPLICANT: Subumu, Nishiguchi
 APPLICANT: Yoshihiko, Maekawa
 APPLICANT: Randy, Alien
 TITLE OF INVENTION: COTTON FIBER TISSUE-SPECIFIC GENES
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 STREET: 601 Thirteenth Street, NW
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/262,653A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Bretschneider, Barry E.
 REGISTRATION NUMBER: 28,055
 REFERENCE/DOCKET NUMBER: 04473/0688001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202/783-5070
 TELEFAX: 202/783-2331
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 235 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-262,653A-10

Query Match 69.4%; Score 34; DB 3; Length 235;
 Best Local Similarity 62.5%; Pred. No. 90; Gaps 0;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
 Db 121 FVYBENQR 128

RESULT 10
 US-09-248-796A-23295
 Sequence 23295, Application US/09248796A
 ; GENERAL INFORMATION:
 ; APPLICANT: Keith Weinstock et al
 ; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 ; FILE REFERENCE: 107196-132
 ; CURRENT FILING DATE: 1999-02-12
 ; PRIOR APPLICATION NUMBER: US 60/074,725
 ; PRIOR FILING DATE: 1999-02-13
 ; PRIOR APPLICATION NUMBER: US 60/095,409
 ; PRIOR FILING DATE: 1998-08-13
 ; NUMBER OF SEQ ID NOS: 28208
 ; SEQ ID NO: 23295
 ; LENGTH: 457
 ; TYPE: PRT
 ; ORGANISM: Candida albicans
 ; US-09-248-796A-23295

Query Match 69.4%; Score 34; DB 4; Length 457;
 Best Local Similarity 100.0%; Pred. No. 1.8e+02; Mismatches 0; Indels 0; Gaps 0;

Db 162 LYDDNQ 167

RESULT 11
 US-09-902-540-16346
 Sequence 16346, Application US/09902540
 ; GENERAL INFORMATION:
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Hirkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Wiegand, Roger C.
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
 ; FILE PREFERENCE: 38-10(15849)B
 ; CURRENT APPLICATION NUMBER: US/09/902,540
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: 60/217,883
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 16825
 ; SEQ ID NO: 16346
 ; LENGTH: 737
 ; TYPE: PRT
 ; ORGANISM: Myxococcus xanthus
 ; US-09-902-540-16346

Query Match 69.4%; Score 34; DB 4; Length 737;
 Best Local Similarity 55.6%; Pred. No. 2.3e+02; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
 Db 394 YIWMDQRV 402

RESULT 12
 US-08-785-179B-19
 Sequence 19, Application US/08785179B
 ; GENERAL INFORMATION:
 ; APPLICANT: STEIPE, Boris
 ; APPLICANT: STEINBACHER, Stefan
 ; TITLE OF INVENTION: PROCESS FOR MODIFYING THE STABILITY
 ; NUMBER OF SEQUENCES: 28
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESS: Nikaido, Marmelstein, Murray & Oram LLP
 ; STREET: 655 Fifteenth Street N.W. Suite 330
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20005-5701
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: FLOPPY DISK
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/765,179B
 ; FILING DATE: 14-JAN-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/EP95/02626
 ; FILING DATE: 06-JUL-1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: DE 44 25 115.7
 ; FILING DATE: 15-JUL-1994
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 64 amino acids
 ; TYPE: amino acid
 ; STRANDBEDNESS:
 ; TOPOLOGY: linear

MOLECULE TYPE: protein
US-08-765-179B-19

Query Match Best Local Similarity Score 67.3%; Pred. 36%; Length 64;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LYDDNQR 8
Db 17 LYDDNKR 23

RESULT 13
US-08-259-372A-10
Sequence 10, Application US/08259372A
Patent No. 5555354
GENERAL INFORMATION:
APPLICANT: Ostberg, Lars G.
TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/259,372A
FILING DATE: 14-JUN-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/871,426
FILING DATE: 21-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/676,036
FILING DATE: 14-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/192,754
FILING DATE: 27-MAR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/538,796
FILING DATE: 15-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/525,196
FILING DATE: 31-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/904,517
FILING DATE: 05-SEP-1986
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE DOCKET NUMBER: 11023-50-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-259-372A-10

Query Match Best Local Similarity Score 67.3%; Pred. 36%; Length 108;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LYDDNQR 8
Db 47 LYDDNKR 53

RESULT 14
US-08-468-671-10
Sequence 10, Application US/08468671
Patent No. 5648077
GENERAL INFORMATION:
APPLICANT: Ostberg, Lars G.
TITLE OF INVENTION: PRODUCTION OF HUMAN MONOCLONAL
TITLE OF INVENTION: ANTIBODIES SPECIFIC FOR HEPATITIS B SURFACE ANTIGEN
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,671
FILING DATE: 06-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/259,372
FILING DATE: 14-JUN-1994
APPLICATION NUMBER: US 07/871,426
FILING DATE: 21-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/676,036
FILING DATE: 11-MAY-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/538,796
FILING DATE: 15-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/192,754
FILING DATE: 27-MAR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/525,196
FILING DATE: 31-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/904,517
FILING DATE: 05-SEP-1986
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE DOCKET NUMBER: 11023-50-7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-468-671-10

Query Match Best Local Similarity Score 67.3%; Pred. 43%; Length 108;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy 2 LYDDNQR 8
Db 47 LYDDNKR 53

FILING DATE: 18-FEB-1998
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:
 NAME: James F. Haley, Jr., Esq.

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)596-9000
 TELEFAX: (212)596-9090

INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 108 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 US-09-490-153-20

Query Match Score 67.3%; DB 4; Length 108;
 Best Local Similarity 71.4%; Pred. No. 62;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 Db :|||:|||:
 46 LYDDNKR 52

RESULT 19
 US-09-157-370-5
 Sequence 5, Application US/09157370A
 Patent No. 6262238
 GENERAL INFORMATION:
 APPLICANT: STEIBACHER, Stefan
 TITLE OF INVENTION: PROCESS FOR MODIFYING THE STABILITY OF ANTIBODIES
 FILE REFERENCE: P8341-8072
 CURRENT APPLICATION NUMBER: US/09/157,370A
 EARLIER APPLICATION NUMBER: 08/765,179
 CURRENT FILING DATE: 1998-09-21
 EARLIER FILING DATE: 1997-01-14
 EARLIER APPLICATION NUMBER: PCT/EP95/02626
 EARLIER FILING DATE: 1995-07-06
 EARLIER APPLICATION NUMBER: DE P44 25 115.7
 EARLIER FILING DATE: 1994-07-15
 NUMBER OF SEQ ID NOS: 10
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 5
 LENGTH: 109
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-157-370-5

Query Match Score 67.3%; DB 3; Length 109;
 Best Local Similarity 71.4%; Pred. No. 62;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 Db :|||:|||:
 47 LYDDNKR 53

RESULT 20
 US-09-377-285B-65
 Sequence 65, Application US/09377285B
 Patent No. 6720175
 GENERAL INFORMATION:
 APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 TITLE OF INVENTION: NUCLEAR ACID MOLECULE ENCODING HOMBR 1b PROTEIN (AS AMENDED)
 FILE REFERENCE: JHU1580-4
 CURRENT APPLICATION NUMBER: US/09/377,285B
 CURRENT FILING DATE: 1998-08-18
 PRIORITY APPLICATION NUMBER: US 60/138,426
 PRIORITY FILING DATE: 1998-06-10
 PRIORITY APPLICATION NUMBER: US 60/138,493
 PRIORITY FILING DATE: 1999-06-10
 PRIORITY APPLICATION NUMBER: US 60/138,494
 PRIORITY FILING DATE: 1999-06-10
 PRIORITY APPLICATION NUMBER: US 60/097,334
 PRIORITY FILING DATE: 1998-08-18

COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/490,324
 FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769
 FILING DATE: 18-FEB-1998

ATTORNEY/AGENT INFORMATION:
 NAME: James F. Haley, Jr., Esq.
 REGISTRATION NUMBER: 27,794
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)596-9000
 TELEFAX: (212)596-9090

INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 108 amino acids
 TYPE: amino acid

NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 65
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Drosophila
US-09-377-285B-65

Query Match 67.3%; Score 33; DB 4; Length 113;
Best Local Similarity 71.4%; Pred. No. 65;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 15 VYDDNQK 21

RESULT 21
US-09-270-767-61055
; Sequence 61055, Application US/09270767
; Patent No. 6703491

GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
; FILE REFERENCE: File Reference: 7326-094
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61055
; LENGTH: 110
; TYPE: PRT
; ORGANISM: *Drosophila melanogaster*
US-09-270-767-61055

Query Match 67.3%; Score 33; DB 4; Length 130;
Best Local Similarity 75.0%; Pred. No. 75;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
Db 90 FLYDTNNR 97

RESULT 22
US-09-902-540-16311
; Sequence 16311, Application US/09902540
; Patent No. 6833447

GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: *Myxococcus xanthus* Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 16311
; LENGTH: 261
; TYPE: PRT
; ORGANISM: *Myxococcus xanthus*
US-09-902-540-16311

Query Match 67.3%; Score 33; DB 4; Length 261;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 46 FLYDDN 51

RESULT 23
US-08-894-818B-3
; Sequence 3, Application US/08894818B
; Patent No. 6261822

GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: YAMAMOTO, Katsuhiko
; APPLICANT: MITTA, Masanori
; APPLICANT: ASADA, Kiyozo
; APPLICANT: TSUNASAWA, Subumu
; APPLICANT: KATO, Ikuhoshi
; TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENES
; NUMBER OF SEQIDENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States of America
; ZIP: 20004

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,818B
; FILING DATE: 20-MAY-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/03253
; FILING DATE: 07-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 323285/1995
; FILING DATE: 12-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: TAKAKURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; OTHER INFORMATION: /note= Xaa at position 428 is Gly or Val.
US-08-894-818B-3

Query Match 67.3%; Score 33; DB 3; Length 522;
Best Local Similarity 55.6%; Pred. No. 3.1e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDNDQR 9
Db 467 YLYDPNQKL 475

RESULT 24
US-09-445-472-4
; Sequence 4, Application US/09445472
; Patent No. 6358726

GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko

```

APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikuoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/09/445 , 472
; CURRENT FILING DATE: 1999-12-06
; PRIORITY APPLICATION NUMBER: 151369/1997
; PRIORITY FILING DATE: 1997-06-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
SEQ ID NO 4 ; LENGTH: 522 ; TYPE: PRT ; ORGANISM: Pyrococcus furiosus
; FEATURE: ; NAME/KEY: misc_feature ; LOCATION: (428) ; OTHER INFORMATION: Xaa at position 428 is Gly or Val.
US-09-445-472-4

Query Match 67.3% ; Score 33 ; DB 3 ; Length 522;
Best Local Similarity 55.6% ; Pred. No. 3.1e+02 ; Mismatches 1; Indels 0 ; Gaps 0 ;
Matches 5 ; Conservative 5 ; Other 0.

Qy 1 FLYDDNQRV 9
Db :|||_|: 467 YLYDENQKL 475

RESULT 25
US-10-090-624-4
; Sequence 4, Application US/10090624
; Patent No. 6783970
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikuoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/10/090, 624
; CURRENT FILING DATE: 2002-03-06
; PRIORITY APPLICATION NUMBER: 09/445, 472
; PRIORITY FILING DATE: 1999-12-06
; PRIORITY APPLICATION NUMBER: 151369/1997
; PRIORITY FILING DATE: 1997-06-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
SEQ ID NO 4 ; LENGTH: 522 ; TYPE: PRT ; ORGANISM: Pyrococcus furiosus
; FEATURE: ; NAME/KEY: misc_feature ; LOCATION: (428) ; OTHER INFORMATION: Xaa at position 428 is Gly or Val.
US-10-090-624-4

Query Match 67.3% ; Score 33 ; DB 4 ; Length 522;
Best Local Similarity 55.6% ; Pred. No. 3.1e+02 ; Mismatches 1; Indels 0 ; Gaps 0 ;
Matches 5 ; Conservative 5 ; Other 0.

Qy 1 FLYDDNQRV 9
Db :|||_|: 467 YLYDENQKL 475

RESULT 26
US-08-894-818B-35
; Sequence 35, Application US/08894818B
; Patent No. 621822
; GENERAL INFORMATION:

```

APPLICANT: TAKAKURA, Hikaru
 APPLICANT: MORISHITA, Mio
 APPLICANT: YAMAMOTO, Katsuhiiko
 APPLICANT: MITTA, Masanori
 APPLICANT: ASADA, Kiyoshi
 APPLICANT: TSUNASA, Susumu
 APPLICANT: KATO, Ikuhoshi
 TITLE OF INVENTION: HYPERTHERMOSTABLE PROTEASE GENES
 NUMBER OF SEQUENCES: 42
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Brody and Neimark
 STREET: 419 Seventh Street N.W., Ste. 300
 CITY: Washington
 STATE: D.C.
 COUNTRY: United States of America
 ZIP: 20004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/894,818B
 FILING DATE: 20-MAY-1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/JP96/03253
 FILING DATE: 07-NOV-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 323285/1995
 FILING DATE: 12-DEC-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Brody, Roger L.
 REGISTRATION NUMBER: 25,618
 REFERENCE/DOCKET NUMBER: TAKAKURA=1
 TELECOMMUNICATION:
 TELEPHONE: (202) 628-5197
 TELEFAX: (202) 737-3528
 INFORMATION FOR SEQ ID NO: 35:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 654 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-894-818B-35

Query Match 67.3%; Score 33; DB 3; Length 67
 Best Local Similarity 55.6%; Pred. No. 3.9e+02;
 Matches 5; Conservative 3; Mismatches 1; Inde

Qy	1 FLYDDNQRV 9
Db	599 YLYDDNQKL 607

RESULT 27
 US-09-445-472-16
 Sequence 16, Application US/09445472
 Patent No. 6358726
 GENERAL INFORMATION:
 APPLICANT: TAKAKURA, Hikaru
 APPLICANT: MORISHITA, Mio
 APPLICANT: SHIMOJO, Tomoko
 APPLICANT: ASADA, Kiyoshi
 APPLICANT: KATO, Ikuhoshi
 TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE PROTEASE GENES
 FILE REFERENCE: TAKAKURA=6
 CURRENT APPLICATION NUMBER: US/09/445,472
 CURRENT FILING DATE: 1999-12-06
 PRIOR APPLICATION NUMBER: 151969/1997
 PRIOR FILING DATE: 1997-06-10
 NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16 LENGTH: 654 TYPE: PRT ORGANISM: Pyrococcus furiosus US-09-445-472-16

Query Match Score 67.3%; DB 4; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 28 US-10-090-624-16 Sequence 16, Application US/10090624
GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikuoshin
TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE FILE REFERENCE: TAKAKURA=6 CURRENT APPLICATION NUMBER: US/10/090,624 PRIOR APPLICATION NUMBER: 1997-06-10 CURRENT FILING DATE: 2002-03-06 SOFTWARE: PatentIn version 3.0 SEQ ID NO 16
; TYPE: PRT
; ORGANISM: Pyrococcus furiosus US-10-090-624-16

Query Match Score 67.3%; DB 4; Length 654;
Best Local Similarity 55.6%; Pred. No. 3.9e+02;
Matches 5; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQRV 9
Db 599 YLYDPNQKL 607

RESULT 29 US-09-823-240A-9 Sequence 9, Application US/09823240A
; PATENT NO. 6716557
GENERAL INFORMATION:
; APPLICANT: Frank B. Gertler
; APPLICANT: James E. Bear
; APPLICANT: Jurgen Wehland
; APPLICANT: Joseph Loureiro
TITLE OF INVENTION: Methods and Products for Regulating Cell Motility FILE REFERENCE: MO0556.70064.US CURRENT APPLICATION NUMBER: US/09/823,240A
CURRENT FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/194,564
PRIOR FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 14 SOFTWARE: FastSSQ for Windows Version 3.0
SEQ ID NO 9 LENGTH: 604
TYPE: PRT
ORGANISM: Drosophila melanogaster

US-09-823-240A-9 Query Match Score 67.3%; DB 4; Length 684;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 15 VYDDNQK 21

RESULT 30 US-09-252-991A-27965
; Sequence 27965, Application US/09252991A
GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; PATENT NO. 6551195
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 27965
; LENGTH: 715
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-27965
Query Match Score 67.3%; DB 4; Length 715;
Best Local Similarity 62.5%; Pred. No. 4.3e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
Db 360 YLYDDNQD 367

RESULT 31 US-08-701-846-2
; Sequence 2, Application US/08701846
; PATENT NO. 5717069
GENERAL INFORMATION:
; APPLICANT: Granados, Robert R.
; TITLE OF INVENTION: DNA SEQUENCE CODING FOR A POLYPEPTIDE WHICH ENHANCES VIRUS INFECTION OF HOST INSECTS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Barnard, Brown & Michaels
; STREET: 306 E. State St., Suite 220
; CITY: Ithaca,
; STATE: NY
; COUNTRY: USA
; ZIP: 14850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/701,846
; FILING DATE: 23-AUG-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/002,743
; FILING DATE: 24-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael, Christopher A.
; REGISTRATION NUMBER: 34,390

REFERENCE/DOCKET NUMBER: BT1-32
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (607)273-1711
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 902 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-701-846-2

Query Match Score 33; DB 1; Length 902;
 Best Local Similarity 75.0%; Pred. No. 5.5e+02;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 9
 ||| :|||
 Db 471 LYDGNERV 478

STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10021
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769B
 FILING DATE: 18-FEB-1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: James F. Haley, Jr., Esq.
 REGISTRATION NUMBER: 27,794
 REFERENCE/DOCKET NUMBER: MORPHO/5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)596-0000
 TELEFAX: (212)596-9090
 INFORMATION FOR SEQ ID NO: 51:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 109 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-025-769B-51

Query Match Score 65.3%; DB 3; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 ||| :|||
 Db 49 LYDNQR 55

RESULT 34
 US-09-490-070A-32
 / Sequence 32, Application US/09490070A
 / Patent No. 6696248
 / GENERAL INFORMATION:
 / APPLICANT: Knappik, Achim
 / Pack, Peter
 / Ilag, Vic
 / Ge, Liming
 / Moroney, Simon
 / Plueckthun, Andreas
 / TITLE OF INVENTION: Protein/(Poly) peptide libraries
 / NUMBER OF SEQUENCES: 373
 / CORRESPONDENCE ADDRESS:

Db 49 LYDNQR 55

RESULT 33
 US-09-025-769B-51
 / Sequence 51, Application US/09025769B
 / Patent No. 630064
 / GENERAL INFORMATION:
 / APPLICANT: Knappik, Achim
 / Pack, Peter
 / Ilag, Vic
 / Ge, Liming
 / Moroney, Simon
 / Plueckthun, Andreas
 / TITLE OF INVENTION: Protein/(Poly) peptide libraries
 / NUMBER OF SEQUENCES: 373
 / CORRESPONDENCE ADDRESS:
 / ADDRESSE: James F. Haley, Jr., Esq. c/o Fish & Neave
 / STREET: 1251 Avenue of the Americas
 / CITY: New York
 / STATE: New York
 / COUNTRY: USA
 / ZIP: 10021
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/025,769B
 / FILING DATE: 18-FEB-1998
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: EP 95 11 3021.0
 / FILING DATE: 18-AUG-1995
 / ATTORNEY/AGENT INFORMATION:
 / NAME: James F. Haley, Jr., Esq.
 / REGISTRATION NUMBER: 27,794
 / REFERENCE/DOCKET NUMBER: MORPHO/5
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (212)596-0000
 / TELEFAX: (212)596-9090
 / INFORMATION FOR SEQ ID NO: 51:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 109 amino acids
 / TYPE: amino acid
 / TOPOLOGY: linear
 / MOLECULE TYPE: protein
 / US-09-025-769B-51

Query Match Score 65.3%; DB 3; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 ||| :|||
 Db 49 LYDNQR 55

RESULT 34
 US-09-490-070A-32
 / Sequence 32, Application US/09490070A
 / Patent No. 6696248
 / GENERAL INFORMATION:
 / APPLICANT: Knappik, Achim
 / Pack, Peter
 / Ilag, Vic
 / Ge, Liming
 / Moroney, Simon
 / Plueckthun, Andreas
 / TITLE OF INVENTION: Protein/(Poly) peptide libraries
 / NUMBER OF SEQUENCES: 373
 / CORRESPONDENCE ADDRESS:

ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman
 White & McAuliffe
 STREET: 1666 K Street, N.W., Suite 300
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20006

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,070A

FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Colin G. Sandercock, Esq.

REGISTRATION NUMBER: 31,298

REFERENCE/DOCKET NUMBER: 37629-0005

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 912-2000

TELEFAX: (202) 912-2020

INFORMATION FOR SEQ ID NO: 51:

SEQUENCE CHARACTERISTICS:

LENGTH: 109 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: Protein

SEQUENCE DESCRIPTION: SEQ ID NO: 51:

US-09-490-070A-51

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Colin G. Sandercock, Esq.
 REGISTRATION NUMBER: 31,298
 REFERENCE/DOCKET NUMBER: 37629-0005
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 912-2000
 TELEFAX: (202) 912-2020
 INFORMATION FOR SEQ ID NO: 51:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 109 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 MOLECULE TYPE: Protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 51:
 US-09-490-070A-51

Query Match 65.3%; Score 32; DB 4; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 36

US-09-490-153-32

; Sequence 32, Application US/09490153

; Patent No. 6706484

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

Pack, Peter

Ilag, Vic

Ge, Liming

Moroney, Simon

Plueckthun, Andreas

Title of Invention: Protein/(Poly)peptide libraries

NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:

ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

STREET: 1251 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,153

FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/025,769B

FILING DATE: 18-FEB-1998

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: James F. Haley, Jr., Esq.

REGISTRATION NUMBER: 27,794

REFERENCE/DOCKET NUMBER: MORPHO/5

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 536-9000

TELEFAX: (212) 536-0900

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 109 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

Query Match 65.3%; Score 32; DB 4; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

RESULT 35

US-09-490-070A-51

; Sequence 51, Application US/09490070A

; Patent No. 6696248

; GENERAL INFORMATION:

; APPLICANT: Knappik, Achim

Pack, Peter

Ilag, Vic

Ge, Liming

Moroney, Simon

Plueckthun, Andreas

Title of Invention: Protein/(Poly)peptide libraries

NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:

ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman

White & McAuliffe

STREET: 1666 K Street, N.W., Suite 300

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,070A

FILING DATE: 24-Jan-2000

TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 32;
 US-09-490-153-51

Query Match	65.3%	Score 32;	DB 4;	Length 109;
Best Local Similarity	71.4%	Pred. No.	95;	
Matches	5;	Mismatches	0;	Gaps 0;

Qy 2 LYDDNQR 8
 Db 49 IYDNNQR 55

RESULT 37
 US-09-490-153-51
 Sequence 51, Application US/09490153
 Patent No. 6706484
 GENERAL INFORMATION:
 APPLICANT: Knappik, Achim
 Pack, Peter
 Tiag, Vic
 Moroney, Simon
 Plueckthun, Andreas

TITLE OF INVENTION: Protein/(Poly)peptide libraries
 NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:
 ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
 STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10021

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/490,324
 FILING DATE: 24-Jan-2000
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769
 FILING DATE: 18-FEB-1998
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: James F. Haley, Jr., Esq.
 REGISTRATION NUMBER: 27,794
 REFERENCE/DOCKET NUMBER: MORPHO/5

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)596-9000
 TELEFAX: (212)596-9090
 INFORMATION FOR SEQ ID NO: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 109 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 32;

US-09-490-324-32
 Query Match 65.3%; Score 32; DB 4; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95; Mismatches 0; Gaps 0;
 Matches 2; Indels 0; Gaps 0;
 US-09-490-153-51

RESULT 39
 US-09-490-324-51
 Sequence 51, Application US/09490324
 Patent No. 6828422
 GENERAL INFORMATION:
 APPLICANT: Knappik, Achim
 Pack, Peter
 Tiag, Vic
 Moroney, Simon
 Plueckthun, Andreas

TITLE OF INVENTION: Protein/(Poly)peptide libraries
 NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESS:
 ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

Qy 2 LYDDNQR 8
 Db 49 IYDNNQR 55

RESULT 38

STREET: 1251 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10021
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #.0, Version #1.30 (EPO)
 CURRENT APPLICATION NUMBER: US/09/490,324
 FILING DATE: 24-Jan-2000
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/09/025,769
 FILING DATE: 18-FEB-1998
 APPLICATION NUMBER: EP 95 11 3021.0
 FILING DATE: 18-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: James P. Haley, Jr., Esq.
 REGISTRATION NUMBER: 27,794
 REFERENCE/DOCKET NUMBER: MORPHO/5
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 596-9000
 TELEFAX: (212) 596-9090
 INFORMATION FOR SEQ ID NO: 51:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 109 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 51:
 US-09-490-324-51

Query Match 65.3%; Score 32; DB 4; Length 109;
 Best Local Similarity 71.4%; Pred. No. 95;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 Db 49 IYDNNQR 55

RESULT 40
 US-09-372-425A-4
 Sequence 4, Application US/09372425A
 Patent No. 6475749
 GENERAL INFORMATION:
 APPLICANT: Sherie L. Morrison
 APPLICANT: Ramon Montano
 TITLE OF INVENTION: Improved Rh Antibody
 NUMBER OF SEQUENCES: 11
 ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
 STREET: 2029 Century Park East, Suite 3800
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90067

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy Disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 98
 SOFTWARE: MS Word
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/372,425A
 FILING DATE: August 11, 1999
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Oldenakmp, David J.

;
 ; REGISTRATION NUMBER: 29,421
 ; REFERENCE/DOCKET NUMBER: 510015-223
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (310) 788-5000
 ; TELEFAX: (310) 788-5100
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 234 amino acids
 ; TYPE: amino acid
 ; STRANDBEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Light chain - AA
 ; US-09-372-425A-4

Query Match 65.3%; Score 32; DB 4; Length 234;
 Best Local Similarity 71.4%; Pred. No. 2.2e+02;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
 Db 67 IYDNNQR 73

RESULT 41
 US-08-884-569A-5
 Sequence 5, Application US/08884569A
 ; Patent No. 6393126
 ; GENERAL INFORMATION:
 ; APPLICANT: CHIANG, MING-KO
 ; APPLICANT: FLANAGAN, JOHN G.
 ; TITLE OF INVENTION: RECEPTOR TYROSINE PHOSPHATASE, AND USES RELATED THERETO
 ; CURRENT APPLICATION NUMBER: US/08/884,569A
 ; CURRENT FILING DATE: 1997-06-27
 ; PRIOR APPLICATION NUMBER: 60,021,040
 ; PRIOR FILING DATE: 1996-07-02
 ; NUMBER OF SEQ ID NOS: 15
 ; FILE REFERENCE: HMV-020_01
 ; CURRENT APPLICATION NUMBER: US/08/884,569A
 ; CURRENT FILING DATE: 1997-06-27
 ; PRIOR APPLICATION NUMBER: 60,021,040
 ; PRIOR FILING DATE: 1996-07-02
 ; NUMBER OF SEQ ID NOS: 15
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 5
 ; LENGTH: 242
 ; TYPE: PRT
 ; ORGANISM: Caenorhabditis elegans
 ; US-08-884-569A-5

Query Match 65.3%; Score 32; DB 3; Length 242;
 Best Local Similarity 62.5%; Pred. No. 2.2e+02;
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 LYDDNQR 8
 Db 34 FIYDDPDR 41

RESULT 42
 US-09-302-540-13338
 Sequence 13338, Application US/09902540
 ; Patent No. 6833447
 ; GENERAL INFORMATION:
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Wiegand, Roger C.
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
 ; FILE REFERENCE: 38-10(15849)B
 ; CURRENT APPLICATION NUMBER: US/09/902,540
 ; CURRENT FILING DATE: 2001-07-10
 ; PRIOR APPLICATION NUMBER: 60,217,883
 ; PRIOR FILING DATE: 2000-07-10
 ; NUMBER OF SEQ ID NOS: 16825
 ; SEQ ID NO: 13338
 ; LENGTH: 280
 ; TYPE: PRT
 ; ORGANISM: Myxococcus xanthus

US-09-902-540-13338
 Query Match Score 32; DB 4; Length 280;
 Best Local Similarity 75.0%; Pred. No. 2.5e+02; Mismatches 0; Indels 0; Gaps 0;
 Matches 6; Conservative 0; Number of SEQ ID NOS: 128 LYDDNRV 9
 Qy : ||| |
 Db 128 LYDDNRV 135

RESULT 43 US-09-489-039A-10682
 ; GENERAL INFORMATION:
 ; APPLICANT: Gary Bretton et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
 ; CURRENT APPLICATION NUMBER: US/09/489,039A
 ; PRIORITY APPLICATION NUMBER: 2009-01-27
 ; PRIOR FILING DATE: 1999-01-29
 ; NUMBER OF SEQ ID NOS: 14342
 ; LENGTH: 286
 ; TYPE: PRT
 ; ORGANISM: Klebsiella pneumoniae
 US-09-489-039A-10682

Query Match Score 32; DB 4; Length 286;
 Best Local Similarity 65.3%; Pred. No. 2.6e+02; Mismatches 1; Indels 0; Gaps 0;
 Matches 5; Conservative 2; Number of SEQ ID NOS: 2 LYDDNRV 9
 Qy : ||| |
 Db 274 MYQDNQL 281

RESULT 44 US-09-248-796A-16060
 ; GENERAL INFORMATION:
 ; APPLICANT: Keith Weinstock et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 ; CURRENT APPLICATION NUMBER: US/09/248,796A
 ; PRIORITY APPLICATION NUMBER: 1998-02-13
 ; PRIOR FILING DATE: 1998-08-13
 ; NUMBER OF SEQ ID NOS: 16600
 ; LENGTH: 304
 ; TYPE: PRT
 ; ORGANISM: Candida albicans
 US-09-248-796A-16060

Query Match Score 32; DB 4; Length 304;
 Best Local Similarity 65.3%; Pred. No. 2.7e+02; Mismatches 1; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Number of SEQ ID NOS: 1 FLYDDNQ 7
 Qy : ||| |
 Db 125 FLYDDNQ 131

RESULT 45 US-09-248-796A-14544
 ; Sequence 14544, Application US/09248796A
 ; GENERAL INFORMATION:
 ; APPLICANT: Keith Weinstock et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 ; FILE REFERENCE: 107196.132
 ; CURRENT FILING DATE: 1999-02-12
 ; PRIORITY APPLICATION NUMBER: US/09/248,796A
 ; PRIOR FILING DATE: 1998-02-13
 ; PRIORITY APPLICATION NUMBER: US 60/096,409
 ; PRIOR FILING DATE: 1998-08-13
 ; NUMBER OF SEQ ID NOS: 28208
 ; SEQ ID NO: 14544
 ; LENGTH: 359
 ; TYPE: PRT
 ; ORGANISM: Candida albicans
 US-09-248-796A-14544

RESULT 46 US-09-248-796A-17909
 ; Sequence 17909, Application US/09248796A
 ; Patent No. 6747137
 ; GENERAL INFORMATION:
 ; APPLICANT: Keith Weinstock et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
 ; FILE REFERENCE: 107196.132
 ; CURRENT FILING DATE: 1999-02-12
 ; PRIORITY APPLICATION NUMBER: US 60/096,409
 ; PRIOR FILING DATE: 1998-02-13
 ; PRIORITY APPLICATION NUMBER: US 60/096,409
 ; PRIOR FILING DATE: 1998-08-13
 ; NUMBER OF SEQ ID NOS: 28208
 ; SEQ ID NO: 17909
 ; LENGTH: 528
 ; TYPE: PRT
 ; ORGANISM: Candida albicans
 US-09-248-796A-17909

Query Match Score 32; DB 4; Length 528;
 Best Local Similarity 65.3%; Pred. No. 4.8e+02; Mismatches 1; Indels 0; Gaps 0;
 Matches 5; Conservative 1; Number of SEQ ID NOS: 3 YDDNQY 9
 Qy : ||| |
 Db 246 YDDNQY 252

RESULT 47 US-09-251-645-6
 ; Sequence 6, Application US/09251645
 ; Patent No. 6281413
 ; GENERAL INFORMATION:
 ; APPLICANT: Kramer, Vance C.
 ; APPLICANT: Morgan, Michael K.
 ; APPLICANT: Anderson, Arne R.
 ; APPLICANT: Hart, Hope
 ; APPLICANT: Warren, Gregory W.
 ; APPLICANT: Dunn, Martha
 ; APPLICANT: Chen, Jeng S.
 ; TITLE OF INVENTION: NOVEL INSECTICIDAL TOXINS FROM PHOTORHABDUS LUMINESCENS

TITLE OF INVENTION: AND NUCLEIC ACID SEQUENCES CODING THEREFOR

FILE REFERENCE: CGC:963/A

CURRENT APPLICATION NUMBER: US/09/251,645

CURRENT FILING DATE: 1999-02-17

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO: 6

LENGTH: 1584

TYPE: PRF

ORGANISM: Photorhabdus luminescens

US-09-251-645-6

Query Match 65.3%; Score 32; DB 3; Length 1584;

Best Local Similarity 55.6%; Pred. No. 1.5e+03;

Matches 5; Conservative 3; Mismatches 1; Indels 0;

Gaps 0;

Qy 1 FLYDDNQRV 9

Db 1074 YQYDNNQR 1082

RESULT 48

US 09-266-965-123

Sequence 123, Application US/092666965

Patent No. 6495348

GENERAL INFORMATION:

APPLICANT: Sherman, D

APPLICANT: Mao, Y

APPLICANT: Varoglu, M

APPLICANT: He, M

APPLICANT: Sheldon, P

TITLE OF INVENTION: Mitomycin biosynthetic gene cluster

FILE REFERENCE: 600:456US1

CURRENT APPLICATION NUMBER: US/09/266,965

CURRENT FILING DATE: 1999-03-12

EARLIER APPLICATION NUMBER: US 08/624,447

EARLIER FILING DATE: 1996-08-19

EARLIER APPLICATION NUMBER: PCT/US94/11279

EARLIER FILING DATE: 1994-10-06

EARLIER APPLICATION NUMBER: US 08/133,963

EARLIER FILING DATE: 1993-10-07

NUMBER OF SEQ ID NOS: 145

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 123

LENGTH: 254

TYPE: PRF

ORGANISM: Streptomyces lavendulae

US-09-266-965-123

Query Match 64.3%; Score 31.5; DB 4; Length 254;

Best Local Similarity 80.0%; Pred. No. 2.8e+02;

Matches 8; Conservative 0; Mismatches 1; Indels 1;

Gaps 1;

Qy 1 FLYD-DNQRV 9

Db 54 FLYDGNQRV 63

RESULT 49

US-09-107-532A-5802

Sequence 5002, Application US/09107532A

Patent No. 6583275

GENERAL INFORMATION:

APPLICANT: Lynn A Doucette-Samm and David Bush

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

NUMBER OF SEQUENCES: 7310

CORRESPONDENCE ADDRESS:

ADDRESSEE: GENOME THERAPEUTICS CORPORATION

STREET: 100 Beaver Street

CITY: Waltham

STATE: Massachusetts

COUNTRY: USA

ZIP: 02354

COMPUTER READABLE FORM:

MEDIUM TYPE: CD-ROM ISO9660

COMPUTER: PC

OPERATING SYSTEM: <Unknown>

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A

FILING DATE: 30-Jun-1998

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 60/085,598

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Arinello, Pamela Deneka

REFERENCE/DOCKET NUMBER: GTC-012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (781)893-5007

TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 5802:

SEQUENCE CHARACTERISTICS:

LENGTH: 99 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: YES

ORIGINAL SOURCE:

ORGANISM: Enterococcus faecium

FEATURE:

NAME/KEY: misc feature

LOCATION: (B) LOCATION 1..99

US-09-107-532A-5802

SEQUENCE DESCRIPTION: SEQ ID NO: 5802:

RESULT 50

US-08-665-202-39

Sequence 39, Application US/08665202

Patent No. 5977132

GENERAL INFORMATION:

APPLICANT: Schier, Robert

TITLE OF INVENTION: No. 5977322el High Affinity Human Antibodies to

Tumor Antigens

NUMBER OF SEQUENCES: 141

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/665,202

FILING DATE: 13-JUN-1996

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/000,238

FILING DATE: 14-JUN-1995
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 60/000,250
FILING DATE: 15-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Hunter, Tom
REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 02307E-061410
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 112 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-665-202-39

Query Match 63.3%; Score 31; DB 2; Length 112;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy : |||||
Db 2 LYDDNQR 8
Db 49 IYSDNQR 55

Search completed: November 3, 2005, 12:55:19
Job time : 24 secs

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Result No.	Score	Query Match length DB	ID	Description
1	26	53.1	8 4 US-09-069-827A-178	Sequence 178, App
2	26	53.1	8 4 US-09-352-111-15	Sequence 15, App1
3	26	53.1	8 4 US-09-709-785-56	Sequence 56, App1
4	26	53.1	9 2 US-08-350-260A-119	Sequence 519, App
5	26	53.1	9 4 US-09-104-37A-519	Sequence 519, App
6	26	53.1	10 4 US-09-191-593-28	Sequence 28, App1
7	24	49.0	7 4 US-09-563-222C-24	Sequence 24, App1
8	24	49.0	9 1 US-08-619-645-3	Sequence 3, App1
9	24	49.0	9 9 US-08-634-493-3	Sequence 3, App1
10	23	46.9	7 4 US-08-265-967C-6	Sequence 6, App1
11	23	46.9	7 4 US-08-305-790B-7	Sequence 7, App1
12	23	46.9	8 3 US-09-187-859-1520	Sequence 1356, AP
13	23	46.9	8 3 US-09-187-859-1358	Sequence 1517, AP
14	23	46.9	8 4 US-09-187-859-1517	Sequence 1357, AP
15	23	46.9	8 4 US-09-839-542B-1358	Sequence 1517, AP
16	23	46.9	8 3 US-09-187-859-1517	Sequence 1357, AP
17	23	46.9	9 3 US-09-187-859-1361	Sequence 1361, AP
18	23	46.9	9 4 US-09-187-859-1361	Sequence 1520, AP
19	23	46.9	9 4 US-09-839-542B-1520	Sequence 56, App1
20	22	44.9	8 2 US-09-16-66A-56	Sequence 1327, AP
21	22	44.9	8 3 US-09-187-859-1322	Sequence 1327, AP
22	22	44.9	8 4 US-09-839-542B-1322	Sequence 1327, AP
23	22	44.9	8 4 US-09-839-542B-1322	Sequence 1327, AP
24	22	44.9	8 4 US-09-839-542B-1327	Sequence 1327, AP
25	22	44.9	9 1 US-08-215-805A-10	Sequence 30, App1
26	22	44.9	9 3 US-08-584-008A-3	Sequence 3, App1
27	22	44.9	9 3 US-09-187-859-1323	Sequence 1327, AP

ALIGNMENTS

RESULT 1
US-09-069-827A-178 ; Application US/09069827A
; Patent No. 6617114
; APPLICANT: FOWKES, Dana M
; KAY, Brian K
; FREILINGER, Jeffrey A
; HYDE-DERTYSCHER, Robin P
TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING
NUMBER OF SEQUENCES: 178
COMPLEMENTARY COMBINATORIAL LIBRARIES
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 624 Ninth Street N.W., Suite 300
STATE: D.C.
CITY: Washington
ZIP: 20001
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,827A
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/050,359
FILING DATE: 31-MAR-1998
APPLICATION NUMBER: PCT/US97/19638
FILING DATE: 31-OCT-1997
APPLICATION NUMBER: US 08/740,671
FILING DATE: 31-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: COOPER, Iver P
REGISTRATION NUMBER: 28,005
REFERENCE/DOCKET NUMBER: FOWKES=4C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 178:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 178:
US-09-069-827A-178

Query Match 53.1%; Score 26; DB 4; Length 8;
Best Local Similarity 57.1%; Pred. No. 4.1e+05;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 2 LYDDDK 8

RESULT 3
US-09-709-785-56 ; Sequence 56, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Cleverger, William
; APPLICANT: Wiley, Sandra Bileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088 433 CL
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SEQ ID NO 56
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Epitope tag
; US-09-709-785-56

Query Match 53.1%; Score 26; DB 4; Length 8;
Best Local Similarity 57.1%; Pred. No. 4.1e+05;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 2 LYDDDK 8

RESULT 4
US-08-550-260A-519 ; Sequence 519, Application US/08350260A
; Patent No. 5962255
; GENERAL INFORMATION:
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Williams, Samuel Cameron
; APPLICANT: Waterhouse, Peter
; APPLICANT: Niessim, Ahuva

RESULT 2
US-09-352-171-15 ; Sequence 15, Application US/09152171
; General Information:
; APPLICANT: Rubin, Richard A
; APPLICANT: Conway, Bruce

APPLICANT: Johnson, Kevin Stuart
 APPLICANT: Smith, Andrew John Hammond
 TITLE OF INVENTION: Methods for producing members of specific
 NUMBER OF SEQUENCES: 602
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: David W. Clough
 STREET: Marshall, O'Toole, Gerstein, Murray & Borun
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606-6402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 08/350,260A
 FILING DATE: 05-DEC-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9110549.4
 FILING DATE: 15-MAY-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9206318.9
 FILING DATE: 24-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB91/01134
 FILING DATE: 10-JUL-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB92/00883
 FILING DATE: 15-MAY-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB93/00605
 FILING DATE: 24-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/150,002
 FILING DATE: 31-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Clough, David W
 REGISTRATION NUMBER: 36,107
 REFERENCE/DOCKET NUMBER: 28111/32372
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-474-6300
 INFORMATION FOR SEQ ID NO: 519:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-350-260A-519
 Query Match 53.1%; Score 26; DB 2; Length 9;
 Best Local Similarity 71.4%; Pred. No. 4.1e-05;
 Matches 5; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Gaps 0;
 Qy 3 YDDNQRV 9
 Db 3 YDSNLRV 9
 RESULT 6
 US-09-191-593-28
 ; Sequence 28; Application US/09191593
 ; General Information:
 ; Patent No. 683584
 ; APPLICANT: BURKS, A Wesley, HELM, Ricki M,
 ; APPLICANT: COCKREL, Gail, STANLEY, J Steven,
 ; APPLICANT: BANNON, Gary A
 ; TITLE OF INVENTION: PEANUT ALLERGENS AND
 ; TITLE OF INVENTION:

NUMBER OF SEQUENCES: 67
 CORRESPONDENCE ADDRESS:
 STREET: Head, Johnson & Kachigian
 CITY: Fayetteville, AR
 STATE: Arkansas
 COUNTRY: United States of America
 ZIP: 72701
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: MS-DOS 6.2
 SOFTWARE: Wordperfect 6.0C
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/191,593
 FILING DATE: 13 NOVEMBER 1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/717,933
 FILING DATE: 23 SEPTEMBER 1996
 APPLICATION NUMBER: US 07/998,377
 FILING DATE: 30 DECEMBER 1992
 APPLICATION NUMBER: US 08/158,704
 FILING DATE: 29 NOVEMBER 1993
 APPLICATION NUMBER: US 60/009,455
 FILING DATE: 29 DECEMBER 1995
 APPLICATION NUMBER: US 08/610,424
 FILING DATE: 04 MARCH 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: ALEXANDER, DANIEL R.
 REGISTRATION NUMBER: 2,604
 REFERENCE/DOCKET NUMBER: ARK00895601B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (501) 582-9111
 TELEFAX: (501) 521-4331
 TELEX: No. 6835824 applicable
 SEQUENCE FOR SEQ ID NO: 28:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 amino acids
 TYPE: amino acid
 STRANDEDNESS: No. 6835824 applicable
 TOPOLOGY: unknown
 MOLECULE TYPE: Glycoprotein
 DESCRIPTION: identified as Ara h 1 IgE binding
 HYPOTHETICAL: No
 ANTI-SENSE: No. 6835824 applicable
 FRAGMENT TYPE: No. 6835824 applicable
 ORIGINAL SOURCE:
 ORGANISM: Arachis hypogaea
 STRAIN: Florunner
 INDIVIDUAL ISOLATE: Ara h 1
 DEVELOPMENTAL STAGE:
 HAPLOTYPE: No. 6835824 applicable
 TISSUE TYPE:
 CELL TYPE: No. 6835824 applicable
 CELL LINE: No. 6835824 applicable
 ORGANELLE: No. 6835824 applicable
 IMMEDIATE SOURCE:
 LIBRARY:
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: No. 6835824 applicable
 MAP POSITION: No. 6835824 applicable
 UNITS: No. 6835824 applicable
 IMMEDIATE SOURCE:
 NAME/KEY:
 LOCATION:
 IDENTIFICATION METHOD: By agreement with
 IDENTIFICATION METHOD: protein information and established
 IDENTIFICATION METHOD: consensus sequence
 OTHER INFORMATION: Seed storage protein and

OTHER INFORMATION: allergen
 PUBLICATION INFORMATION:
 AUTHORS:
 TITLE:
 JOURNAL:
 VOLUME:
 ISSUE:
 PAGES:
 DATE:
 DOCUMENT NUMBER:
 FILING DATE:
 PUBLICATION DATE:
 RELEVANT RESIDUES IN SEQ ID NO:
 US-09-191-593-28

RESULT 7
 US-09-563-222C-24
 ; Sequence 24, Application US/09563222C
 ; Patent No. 6696520
 ; GENERAL INFORMATION:
 ; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
 ; APPLICANT: HIATT, ANDREW C.
 ; APPLICANT: HEIN, MICHAEL B.
 ; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
 ; FILE REFERENCE: 069904-0501
 ; CURRENT APPLICATION NUMBER: US/09/563,222C
 ; CURRENT FILING DATE: 2000-05-02
 ; PRIOR APPLICATION NUMBER: PCT/US01/14349
 ; PRIOR FILING DATE: 2001-05-02
 ; PRIOR APPLICATION NUMBER: 09/563,222
 ; PRIOR FILING DATE: 2000-05-02
 ; NUMBER OF SEQ ID NOS: 182
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 24
 ; LENGTH: 7
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-563-222C-24

Query Match 53.1%; Score 26; DB 4; Length 10;
 Best Local Similarity 66.7%; Pred. No. 1e+02;
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
 Db 4 YDDDR 9

RESULT 8
 US-08-619-645-3
 ; Sequence 3, Application US/08619645
 ; Patent No. 5736507
 ; GENERAL INFORMATION:
 ; APPLICANT: Boots, Anna M.H.
 ; APPLICANT: Verheijden, Gisberius F.M.
 ; TITLE OF INVENTION: No. 5736507el peptides derived from
 ; TITLE OF INVENTION: autoantigen for use in immunotherapy of autoimmune
 ; TITLE OF INVENTION: disease
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Akzo No. 5736507el Patent Department
 ; STREET: 1300 Piccard Drive, Suite 206
 ; CITY: Rockville
 ; STATE: Maryland

Query Match 49.0%; Score 24; DB 4; Length 7;
 Best Local Similarity 80.0%; Pred. No. 4.1e+05;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNR 8
 Db 1 DDNKR 5

COUNTRY: U.S.A.
 ZIP: 20850
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0., Version #1.25 (BPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/619,645
 FILING DATE: 25-MAR-1996
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Gormley, Mary E.
 REGISTRATION NUMBER: 34,409
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (301) 947-4433
 TELEX/TELETYPE NUMBER: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-634-493-3

Query Match 49 0%; Score 24; DB 1; Length 9;
 Best Local Similarity 57.1%; Pred. No. 4.1e-05;
 Matches 4; Conservative 1; Mismatches 2; Indels 0;
 Gaps 0;

Qy 3 YDDNQRV 9
 ||| : |
 Db 1 YDDQESV 7

RESULT 9
 US-08-634-493-3
 Sequence 3, Application US/08634493
 Patient No. 5843449
 GENERAL INFORMATION:
 APPLICANT: A.M.H. Boots
 APPLICANT: G.F.M. Verheijden
 APPLICANT: E.S. Bos
 TITLE OF INVENTION: No. 5843449el Peptides derived from autoantigen for use
 TITLES OF INVENTION: In Immunotherapy of Autoimmune Diseases
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Akzo No. 5843449el Patent Department
 STREET: 1300 Picard Drive, Suite 206
 CITY: Rockville
 STATE: Maryland
 COUNTRY: USA
 ZIP: 20850
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0., Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/634,493
 FILING DATE: 18-APR-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/619,645
 FILING DATE: 25-MAR-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/EP95/04201
 FILING DATE: 25-OCT-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: NL 942031287
 FILING DATE: 27-OCT-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: NL 952008860
 FILING DATE: 07-APR-1995
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 258-5200
 TELEFAX: (301) 977-0447
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-634-493-3

Query Match 49 0%; Score 24; DB 2; Length 9;
 Best Local Similarity 57.1%; Pred. No. 4.1e-05;
 Matches 4; Conservative 1; Mismatches 2; Indels 0;
 Gaps 0;

Qy 3 YDDNQRV 9
 ||| : |
 Db 1 YDDQESV 7

RESULT 10
 US-08-265-967C-6
 Sequence 6, Application US/08265967C
 Patent No. 6476200
 GENERAL INFORMATION:
 APPLICANT: SPABATINI, DAVID M.
 APPLICANT: ERDJOUTEN-BROMAGE, HEDİYE
 APPLICANT: LILI, MARY
 APPLICANT: TEMPST, PAUL
 APPLICANT: SNYDER, SOLMON H.
 TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBP12
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BANNER & ALLEGRETTI, LTD
 STREET: 1001 G STREET, N.W., 11TH FLOOR
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0., Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/265,967C
 FILING DATE: 27-JUN-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: KAGAN, SARAH A.
 REFERENCE/DOCKET NUMBER: 32,141
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9000
 TELEFAX: 202-508-9299
 TELEX: 197430 BBMB UT
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 7 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-265-967C-6

Query Match 46 9%; Score 23; DB 4; Length 7;
 Best Local Similarity 80.0%; Pred. No. 4.1e-05;
 Matches 4; Conservative 0; Mismatches 1; Indels 0;
 Gaps 0;

Qy 3 YDDNQ 7
 ||| : |
 Db 2 YDPNC 6

RESULT 11
US-08-305-790B-7
Sequence 7, Application US/08305790B
Patent No. 6492106
GENERAL INFORMATION:
APPLICANT: SABATINI, DAVID M.
APPLICANT: ERDUMONT-BROMAGE, HEDIYE
APPLICANT: LIJI, MARY
APPLICANT: TEMPST, PAUL
APPLICANT: SNYDER, SOLOMON H.
TITLE OF INVENTION: MAMMALIAN PROTEINS THAT BIND TO FKBPP12
TITLE OF INVENTION: IN A RAPAMYCIN-DEPENDENT FASHION
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: BANNER & ALLEGRETTI, LTD
STREET: 1001 G STREET, N.W., 11TH FLOOR
CITY: WASHINGTON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/305,790B
FILING DATE: 27-JUN-1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/265, 967
ATTORNEY/AGENT INFORMATION:
NAME: KAGAN, SARAH A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 01107.472225
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: 197430 BBMB UT
INFORMATION FOR SEQ ID NO: 7 :
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-305-790B-7

Query Match 46.9%; Score 23; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDDNQ 7
Db 2 YDPNQ 6

RESULT 12
US-09-187-859-1358
Sequence 1358, Application US/09187859A
Patent No. 6358920
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
FILE REFERENCE: 100086.407C1
CURRENT APPLICATION NUMBER: US/09/187,859A
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1358
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative cyclic modulating agent based on
US-09-187-859-1358

Query Match 46.9%; Score 23; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIDDBNE 8

RESULT 13
US-09-187-859-1517
Sequence 1517, Application US/09187859A
Patent No. 6358920
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
FILE REFERENCE: 100086.407C1
CURRENT APPLICATION NUMBER: US/09/187,859A
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1517
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative cyclic modulating agent based on
US-09-187-859-1517

Query Match 46.9%; Score 23; DB 3; Length 8;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
Db 2 FIDDBNE 8

RESULT 14
US-09-639-542B-1358
Sequence 1358, Application US/098393542B
Patent No. 6569396
GENERAL INFORMATION:
APPLICANT: Blaschuk, Orest W.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
FILE REFERENCE: 100086.407D1
CURRENT APPLICATION NUMBER: US/09/839,542B
NUMBER OF SEQ ID NOS: 4052
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1358
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Representative cyclic modulating agent based on
US-09-639-542B-1358

Query Match 46.9%; Score 23; DB 4; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3 YDDNQ 7
Db 2 YDPNQ 6

Query Match 46.9%; Score 23; DB 4; Length 8;
 Best Local Similarity 42.9%; Pred. No. 4.1e+05; Indels 0; Gaps 0;
 Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

RESULT 15
 ; Sequence 1517, Application US/09839542B
 ; Patent No. 65699916
 ; GENERAL INFORMATION:
 ; APPLICANT: Blaschuk, Orest W.
 ; APPLICANT: Symonds, James Matthew
 ; APPLICANT: Gour, Barbara J.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 ; FILE REFERENCE: 100016.407C1
 ; CURRENT APPLICATION NUMBER: US/09/187,859A
 ; CURRENT FILING DATE: 1998-11-06
 ; NUMBER OF SEQ ID NOS: 4052
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1520
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Representative cyclic modulating agent based on
 ; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 ; US-09-187-859-1520

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

RESULT 16
 ; Sequence 1611, Application US/09839542B
 ; Patent No. 65699916
 ; GENERAL INFORMATION:
 ; APPLICANT: Blaschuk, Orest W.
 ; APPLICANT: Symonds, James Matthew
 ; APPLICANT: Gour, Barbara J.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 ; FILE REFERENCE: 100016.407D1
 ; CURRENT APPLICATION NUMBER: US/09/187,859A
 ; CURRENT FILING DATE: 2001-04-20
 ; NUMBER OF SEQ ID NOS: 4052
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1361
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Representative cyclic modulating agent based on
 ; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 ; US-09-187-859-1361

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

RESULT 17
 ; Sequence 1717, Application US/09839542B
 ; Patent No. 65699916
 ; GENERAL INFORMATION:
 ; APPLICANT: Blaschuk, Orest W.
 ; APPLICANT: Symonds, James Matthew
 ; APPLICANT: Gour, Barbara J.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 ; FILE REFERENCE: 100016.407E1
 ; CURRENT APPLICATION NUMBER: US/09/187,859A
 ; CURRENT FILING DATE: 1998-11-06
 ; NUMBER OF SEQ ID NOS: 4052
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1361
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Representative cyclic modulating agent based on
 ; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 ; US-09-187-859-1361

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

RESULT 18
 ; Sequence 1811, Application US/09839542B
 ; Patent No. 65699916
 ; GENERAL INFORMATION:
 ; APPLICANT: Blaschuk, Orest W.
 ; APPLICANT: Symonds, James Matthew
 ; APPLICANT: Gour, Barbara J.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 ; FILE REFERENCE: 100016.407D1
 ; CURRENT APPLICATION NUMBER: US/09/187,859A
 ; CURRENT FILING DATE: 2001-04-20
 ; NUMBER OF SEQ ID NOS: 4052
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1361
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Representative cyclic modulating agent based on
 ; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 ; US-09-187-859-1361

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

RESULT 19
 ; Sequence 1920, Application US/09839542B
 ; Patent No. 65699916
 ; GENERAL INFORMATION:
 ; APPLICANT: Blaschuk, Orest W.
 ; APPLICANT: Symonds, James Matthew
 ; APPLICANT: Gour, Barbara J.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 ; FILE REFERENCE: 100016.407E1
 ; CURRENT APPLICATION NUMBER: US/09/187,859A
 ; CURRENT FILING DATE: 1998-11-06
 ; NUMBER OF SEQ ID NOS: 4052
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1361
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Representative cyclic modulating agent based on
 ; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 ; US-09-187-859-1361

Qy 1 FLYDDNQ 7
 Db 2 FIIDENE 8

APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL CADHERIN-MEDIATED FUNCTIONS
 FILE REFERENCE: 100086.407C1
 CURRENT FILING DATE: 2001-04-20
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 1520
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on US-09-839-542B-1520
 OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 US-09-839-542B-1520
 Query Match 46.9%; Score 23; DB 4; Length 9;
 Best Local Similarity 42.9%; Pred. No. 4.1e+05;
 Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 FLYDDNQ 7
 | : | : | :
 Db 3 FIIDENE 9

RESULT 20
 US-09-016-366A-56
 Sequence 56, Application US/09016366A
 Patent No. 5955431
 GENERAL INFORMATION:
 APPLICANT: Stevens, Richard L.
 APPLICANT: Huang, Chifu
 TITLE OF INVENTION: MAST CELL PROTEASE PEPTIDE
 TITLE OF INVENTION: INHIBITORS
 NUMBER OF SEQUENCES: 65
 CORRESPONDENCE ADDRESS:
 ADDRESS: Wolf, Greenfield & Sacks, P.C.
 STREET: 600 Atlantic Avenue
 CITY: Boston
 STATE: MA
 COUNTRY: U.S.A.
 ZIP: 02210-2211
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016_366A
 FILING DATE: January 30, 1998
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/037,090
 FILING DATE: 05-FEB-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Plumer, Elizabeth R.
 REGISTRATION NUMBER: 36,637
 REFERENCE/DOCKET NUMBER: B0801/7093
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-720-3500
 TELEX: 617-720-2441
 INFORMATION FOR SEQ ID NO: 56:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 8 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-09-016-366A-56

Query Match 44.9%; Score 22; DB 2; Length 8;

Best Local Similarity 100.0%; Pred. No. 4.1e+05; Matches 0; Indels 0; Gaps 0;
 Qy 5 DNQR 8
 | : | :
 Db 2 DNQR 5

RESULT 21
 US-09-187-859-1322
 Sequence 1322, Application US/09187859A
 Patent No. 6358920
 GENERAL INFORMATION:
 APPLICANT: Blaschuk, Orest W.
 APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL CADHERIN-MEDIATED FUNCTIONS
 FILE REFERENCE: 100086.407C1
 CURRENT APPLICATION NUMBER: US/09/187,859A
 CURRENT FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1322
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on US-09-187-859-1322
 OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

Query Match 44.9%; Score 22; DB 3; Length 8;
 Best Local Similarity 42.9%; Pred. No. 4.1e+05; Matches 3; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 FLYDDNQ 7
 | : | : | :
 Db 2 FIIDENK 8

RESULT 22
 US-09-187-859-1327
 Sequence 1327, Application US/09187859A
 Patent No. 6358920
 GENERAL INFORMATION:
 APPLICANT: Blaschuk, Orest W.
 APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL CADHERIN-MEDIATED FUNCTIONS
 FILE REFERENCE: 100086.407C1
 CURRENT APPLICATION NUMBER: US/09/187,859A
 CURRENT FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1327
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on US-09-187-859-1327
 OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

Query Match 44.9%; Score 22; DB 3; Length 8;
 Best Local Similarity 42.9%; Pred. No. 4.1e+05; Matches 3; Mismatches 1; Indels 0; Gaps 0;
 Qy 1 FLYDDNQ 7
 | : | : | :
 Db 2 FIIDENK 8

RESULT 23

US-09-839-542B-1322
 Sequence 1322, Application US/09839542B
 Patent No. 6569996

GENERAL INFORMATION:
 APPLICANT: Blaschuk, Orest W.
 APPLICANT: Symonds, James Matthew
 APPLICANT: Gour, Barbara J.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL FILE REFERENCE: 100086_407D1 CURRENT APPLICATION NUMBER: US/09/839,542B CURRENT FILING DATE: 2001-04-20 NUMBER OF SEQ ID NOS: 4052 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1322 LENGTH: 8 TYPE: PRT ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Representative cyclic modulating agent based on OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence US-09-839-542B-1322

Query Match	44.9%	Score 22;	DB 4;	Length 8;
Best Local Similarity	42.9%	Pred. No.	4.1e+05;	
Matches	3;	Mismatches	1;	Indels
Qy	1 FLYDDNQ 7			
	: : :			
D _b	2 FIIDENK 8			

RESULT 24
 US-09-839-542B-1327
 Sequence 1327, Application US/09839542B
 Patent No. 6569996

GENERAL INFORMATION:
 APPLICANT: Blaschuk, Orest W.
 APPLICANT: Symonds, James Matthew
 APPLICANT: Gour, Barbara J.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL FILE REFERENCE: 100086_407D1 CURRENT APPLICATION NUMBER: US/09/839,542B CURRENT FILING DATE: 2001-04-20 NUMBER OF SEQ ID NOS: 4052 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1327 LENGTH: 8 TYPE: PRT ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Representative cyclic modulating agent based on OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence US-09-839-542B-1327

Query Match	44.9%	Score 22;	DB 4;	Length 8;
Best Local Similarity	42.9%	Pred. No.	4.1e+05;	
Matches	3;	Mismatches	1;	Indels
Qy	1 FLYDDNQ 7			
	: : :			
D _b	2 FIIDENK 8			

RESULT 25
 US-09-839-542B-1328
 Sequence 1328, Application US/09839542B
 Patent No. 6569996

GENERAL INFORMATION:
 APPLICANT: Chang, Yung-Fu
 TITLE OF INVENTION: LEUKOTOXIN GENE FROM PASTEURELLA
 TITLE OF INVENTION: Suis

NUMBER OF SEQUENCES: 84 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Nixon, Hargrave, Devans & Doyle
 STREET: Clinton Square, P.O. Box 1051
 CITY: Rochester
 STATE: New York
 COUNTRY: USA
 ZIP: 14603 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/215,805A
 FILING DATE: 22-MAR-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Timian, Susan J.
 REGISTRATION NUMBER: 34,103
 REFERENCE/DOCKET NUMBER: 19603/61 (D-1329A)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (716) 263-1636
 TELEFAX: (716) 263-1600
 INFORMATION FOR SEQ ID NO: 30;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 9 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 ORIGINAL SOURCE:
 ORGANISM: Actinobacillus actinomycetemcomitans
 US-08-215-805A-30

RESULT 26
 US-08-584-008A-3
 Sequence 3, Application US/08584008A
 Patent No. 6277635

GENERAL INFORMATION:
 APPLICANT: Varghese, Joseph N.
 APPLICANT: Garrett, Thomas P.J.
 APPLICANT: Fischer, Geoffrey B.
 APPLICANT: Choi, Peter B.
 APPLICANT: Chen, Lin
 TITLE OF INVENTION: BETA-GLUCANASE OF ENHANCED STABILITY
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESS: JACOBSON, PRICE, HOLMAN & STERN
 STREET: The Jenifer Building, 400 Seventh St. N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20004 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,008A
 FILING DATE: 11-JAN-1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: AU P19821
; FILING DATE: 07-TUL-1993
; PRIOR APPLICATION DATA: PCT/AU94/00377
; APPLICATION NUMBER: PCT/AU94/00377
; FILING DATE: 06-TUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Holman, J.C.
; REGISTRATION NUMBER: 22,769
; REFERENCE/DOCKET NUMBER: 9943/F60173
; TELECOMMUNICATION INFORMATION:
; INFORMATION FOR SEQ ID NO: 3 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-584-008A-3

Query Match          44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

RESULT 27
US-09-187-859-1323
; Sequence 1323, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; ATTORNEY: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3897
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; CADHERIN-7 cell adhesion recognition sequence
; US-09-187-859-1323

Query Match          44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

RESULT 28
US-09-187-859-1328
; Sequence 1328, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; ATTORNEY: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3907
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; CADHERIN-7 cell adhesion recognition sequence
; US/09/187-859-1328

Query Match          44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

RESULT 29
US-09-187-859-3897
; Sequence 3897, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; ATTORNEY: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3897
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; CADHERIN-7 cell adhesion recognition sequence
; US-09-187-859-3897

Query Match          44.9%; Score 22; DB 3; Length 9;
Best Local Similarity 42.9%; Pred. No. 4.1e+05;
Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

RESULT 30
US-09-187-859-3907
; Sequence 3907, Application US/09187859A
; Patent No. 6358920
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; ATTORNEY: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3907
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; CADHERIN-7 cell adhesion recognition sequence
; US/09/187-859-3907

```

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
 us-09-187-859-3907

RESULT 31
 ; Sequence 227, Application US/09643597

; Parent No. 6426072
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: Fan, Liqun
 ; APPLICANT: Kalos, Michael D.
 ; APPLICANT: Bangur, Chaitanya S.
 ; APPLICANT: Hosken, Nancy A.
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Hosken, Nancy
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Li, Samuel X.
 ; APPLICANT: Wang, Ajun
 ; APPLICANT: Skeiky, Yasir A.W.
 ; APPLICANT: Henderson, Robert A.
 ; APPLICANT: McNeill, Patricia D.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
 ; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
 ; FILE REFERENCE: 210121.455C11
 ; CURRENT APPLICATION NUMBER: US/09/643,597
 ; NUMBER OF SEQ ID NOS: 369
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 227
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Homo sapien
 ; CURRENT FILING DATE: 2000-08-21

Query Match Score 22; DB 3; Length 9;
 Best Local Similarity 44.9%; Pred. No. 4.1e+05;
 Matches 3; Conservative 3; Mismatches 2; Indels 0;
 Gaps 0;
 Qy 1 FLYDDNQ 8
 Db 2 FIIDENTK 9
 RESULT 33
 ; Sequence 227, Application US/09542615A
 ; Parent No. 6518256
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: Fan, Liqun
 ; APPLICANT: Kalos, Michael D.
 ; APPLICANT: Bangur, Chaitanya S.
 ; APPLICANT: Hosken, Nancy A.
 ; APPLICANT: Fanger, Gary R.
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY
 ; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
 ; FILE REFERENCE: 210121.455C8
 ; CURRENT APPLICATION NUMBER: US/09/542,615A
 ; CURRENT FILING DATE: 2000-04-14
 ; NUMBER OF SEQ ID NOS: 350
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 227
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Homo sapien
 ; CURRENT FILING DATE: 2000-08-21

Query Match Score 22; DB 4; Length 9;
 Best Local Similarity 44.9%; Pred. No. 4.1e+05;
 Matches 4; Conservative 4; Mismatches 1; Indels 0;
 Gaps 0;

Query Match Score 22; DB 4; Length 9;
 Best Local Similarity 44.9%; Pred. No. 4.1e+05;
 Matches 4; Conservative 4; Mismatches 1; Indels 0;
 Gaps 0;

Qy 1 FLYDN 6
 Db 1 FLNNND 6

RESULT 34
 ; Sequence 227, Application US/09606421B

; Parent No. 6531315
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: Fan, Liqun
 ; APPLICANT: Kalos, Michael D.
 ; APPLICANT: Bangur, Chaitanya S.
 ; APPLICANT: Hosken, Nancy
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Li, Samuel X.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; FILE REFERENCE: 210121.455C9

; CURRENT APPLICATION NUMBER: US/09/606,421B

; CURRENT FILING DATE: 2000-06-28

; NUMBER OF SEQ ID NOS: 358

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 227

; LENGTH: 9

; TYPE: PRT

; ORGANISM: Homo sapien

US-09-606-421B-227

Query Match Score 22; DB 4; Length 9;
 Best Local Similarity 44.9%; Pred. No. 4.1e+05;
 Matches 4; Conservative 4; Mismatches 1; Indels 0;
 Gaps 0;

Query Match Score 22; DB 4; Length 9;
 Best Local Similarity 44.9%; Pred. No. 4.1e+05;
 Matches 4; Conservative 4; Mismatches 1; Indels 0;
 Gaps 0;

Qy 1 FLYDN 6
 Db 1 FLNNND 6

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THERAPY OF
 TITLE OF INVENTION: LUNG CANCER
 FILE REFERENCE: 210121.455C
 CURRENT APPLICATION NUMBER: US/09/476,496A
 CURRENT FILING DATE: 1999-12-10
 NUMBER OF SEQ ID NOS: 254
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 227
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Homo sapien
 US-09-476-496A-227

Query Match 44.9%; Score 22; DB 4; Length 9;
 Best Local Similarity 66.7%; Pred. No. 4.1e+05; Indels 0; Gaps 0;
 Matches 4; Conservative 1; Mismatches 1; Delins 0; Gaps 0;

Qy 1 FLYDDN 6
 | :|:
 Db 1 FLNNDN 6

RESULT 40
 US-09-630-940B-227
 Sequence 227, Application US/09630940B
 GENERAL INFORMATION:
 APPLICANT: Wang, Tongtong
 APPLICANT: Fan, Ligun
 APPLICANT: Kalos, Michael D.
 APPLICANT: Bangur, Chaitanya S.
 APPLICANT: Hosken, Nancy
 APPLICANT: Fanger, Gary R.
 APPLICANT: Li, Samuel X.
 APPLICANT: Skeky, Yasir A.W.
 APPLICANT: Henderson, Robert A.
 APPLICANT: MCNEIL, Patricia D.
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE THERAPY
 FILE REFERENCE: 210121.455C10
 CURRENT APPLICATION NUMBER: US/09/630,940B
 CURRENT FILING DATE: 2000-08-02
 NUMBER OF SEQ ID NOS: 367
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 227
 LENGTH: 9
 TYPE: PRT
 ORGANISM: Homo sapien
 US-09-630-940B-227

Query Match 44.9%; Score 22; DB 4; Length 9;
 Best Local Similarity 66.7%; Pred. No. 4.1e+05; Indels 0; Gaps 0;
 Matches 4; Conservative 1; Mismatches 1; Delins 0; Gaps 0;

Qy 1 FLYDDN 6
 | :|:
 Db 1 FLNNDN 6

RESULT 41
 US-09-187-859-3898
 Sequence 3898, Application US/09187859A
 GENERAL INFORMATION:
 APPLICANT: Blaschuk, Orest W.

APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
 FILE REFERENCE: 100086.407C1
 CURRENT APPLICATION NUMBER: US/09/839,512B
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3898
 LENGTH: 10
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3898
 LENGTH: 10
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence
 US-09-187-859-3898

Query Match 44.9%; Score 22; DB 3; Length 10;
 Best Local Similarity 37.5%; Pred. No. 5.6e+02; Indels 0; Gaps 0;
 Matches 3; Conservative 3; Mismatches 2; Delins 0; Gaps 0;

Qy 1 FLYDDNQR 8
 |:|:
 Db 3 FLIDNTK 10

RESULT 42
 US-09-187-859-3908
 Sequence 3908, Application US/09187859A
 GENERAL INFORMATION:
 PATENT NO. 6358940
 APPLICANT: Blaschuk, Orest W.

APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
 FILE REFERENCE: 100086.407C1
 CURRENT APPLICATION NUMBER: US/09/187,859A
 CURRENT FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3908
 LENGTH: 10
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence
 US-09-187-859-3908

Query Match 44.9%; Score 22; DB 3; Length 10;
 Best Local Similarity 37.5%; Pred. No. 5.6e+02; Indels 0; Gaps 0;
 Matches 3; Conservative 3; Mismatches 2; Delins 0; Gaps 0;

Qy 1 FLYDDNQR 8
 |:|:
 Db 3 FLIDNTK 10

RESULT 43
 US-09-839-542B-3898
 Sequence 3898, Application US/09839542B
 GENERAL INFORMATION:
 PATENT NO. 6569936
 APPLICANT: Symonds, James Matthew
 APPLICANT: Blaschuk, Orest W.

APPLICANT: Gour, Barbara J.
 TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS
 FILE REFERENCE: 100086.407D1
 CURRENT FILING DATE: 2001-04-20
 NUMBER OF SEQ ID NOS: 4052
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3898
 LENGTH: 10
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Representative cyclic modulating agent based on
 cadherin-7 cell adhesion recognition sequence

US-09-839-542B-3898

Query Match Score 22; DB 4; Length 10;
 Best Local Similarity 41.9%; Pred. No. 5.6e+02;
 Matches 3; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1 FLYDDNQR 8
 Db 3 FIDENTK 10

RESULT 44

US-09-839-542B-3908

Sequence 3908, Application US/09839542B

; GENERAL INFORMATION:

; APPLICANT: Blaschuk, Orest W.

; ATTORNEY/AGENT INFORMATION:

; NAME: Symonds, James Matthew

; ADDRESS: Gour, Barbara J.

; TITLE OF INVENTION: CADHERIN-MEDIATED FUNCTIONS

; FILE REFERENCE: 100086.407D1

; CURRENT APPLICATION NUMBER: US/09/839,542B

; CURRENT FILING DATE: 2001-04-20

; NUMBER OF SEQ ID NOS: 4052

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 3908

; LENGTH: 10

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Representative cyclic modulating agent based on

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; OTHER INFORMATION: US-09-839-542B-3908

; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 716-263-1304

; TELEFAX: 716-263-1600

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 6 amino acids

; TYPE: amino acid

; STRANDBNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-457-274A-5

Query Match Score 42.9%; Score 21; DB 1; Length 6;

Best Local Similarity 50.0%; Pred. No. 4.1e+05;

Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

; Gaps 0;

OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
us-09-187-859-1367

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 1 FIIDEN 6

RESULT 48
us-09-187-859-1559

; Sequence 1559, Application US/09187859A
; GENERAL INFORMATION:
; Patent No. 6358920
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; LENGTH: 6
; FILE REFERENCE: 100086.407C1
; CURRENT APPLICATION NUMBER: US/09/187,859A
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 1559
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
us-09-187-859-1559

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 1 FIIDEN 6

RESULT 49
us-09-839-542B-191

; Sequence 191, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; LENGTH: 6
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 191
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative linear modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
us-09-839-542B-191

Query Match 42.9%; Score 21; DB 4; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6

OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
|:|:|:|
1 FIIDEN 6

Query Match 42.9%; Score 21; DB 3; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 1 FIIDEN 6

RESULT 50
us-09-839-542B-1367

; Sequence 1367, Application US/09839542B
; Patent No. 6569996
; GENERAL INFORMATION:
; APPLICANT: Blaschuk, Orest W.
; APPLICANT: Symonds, James Matthew
; APPLICANT: Gour, Barbara J.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL
; LENGTH: 6
; FILE REFERENCE: 100086.407D1
; CURRENT APPLICATION NUMBER: US/09/839,542B
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 4052
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 1367
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Representative cyclic modulating agent based on
; OTHER INFORMATION: cadherin-7 cell adhesion recognition sequence
us-09-839-542B-1367

Query Match 42.9%; Score 21; DB 4; Length 6;
Best Local Similarity 50.0%; Pred. No. 4.1e+05;
Matches 3; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy 1 FLYDDN 6
Db 1 FIIDEN 6

Search completed: November 3, 2005, 13:08:54
Job time : 42 secs

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No.	Score	Query	Match	Length	DB	ID	Description
1	49	100.0	9	14	US-10-005-177-4		Sequence 4, App1
2	30	61.2	10	9	US-09-775-805-64		Sequence 64, App1
3	30	57.1	10	16	US-10-753-339-64		Sequence 59, App1
4	28	57.1	7	17	US-10-891-972-59		Sequence 145, App1
5	28	57.1	7	17	US-10-891-972-145		Sequence 151, App1
6	28	57.1	7	17	US-10-891-972-151		Sequence 157, App1
7	28	57.1	7	17	US-10-891-972-157		Sequence 477, App1
8	28	57.1	10	10	US-09-809-638-73		Sequence 79, App1
9	27	55.1	9	9	US-09-252-150-79		Sequence 9, App1
10	27	53.1	9	16	US-10-646-381-79		Sequence 556, App1
11	26	53.1	8	10	US-09-997-209-40		Sequence 556, App1
12	26	53.1	8	14	US-10-284-083-13		Sequence 13, App1
13	26	53.1	8	14	US-10-284-236-8		Sequence 8, App1
14	26	53.1	8	15	US-10-460-524-16		Sequence 16, App1
15	26	53.1	8	15	US-10-296-718-5		Sequence 5, App1
16	26	53.1	8	15	US-10-433-206-40		Sequence 40, App1
17	26	53.1	8	16	US-10-837-776-2		Sequence 2, App1
18	26	53.1	8	17	US-10-888-305-72		Sequence 72, App1
19	26	53.1	8	17	US-10-656-250-178		Sequence 178, App1
20	26	53.1	8	17	US-10-931-916-76		Sequence 76, App1
21	26	53.1	8	17	US-10-505-486-20		Sequence 20, App1
22	26	53.1	8	18	US-10-684-232-56		Sequence 56, App1
23	26	53.1	8	18	US-10-032-037B-3		Sequence 3, App1
24	26	53.1	9	15	US-10-029-388B-3		Sequence 3, App1
25	26	53.1	9	15	US-10-032-423A-3		Sequence 3, App1
26	26	53.1	9	15	US-10-029-926B-3		Sequence 3, App1
27	26	53.1	10	9	US-09-731-221-5		Sequence 11, App1
28	26	53.1	10	14	US-10-328-806-11		Sequence 52, App1
29	26	53.1	10	14	US-10-228-806-52		Sequence 53, App1
30	26	53.1	10	14	US-10-228-806-53		Sequence 54, App1
31	26	53.1	10	14	US-10-228-806-54		Sequence 13, App1
32	26	53.1	10	15	US-10-100-103A-13		Sequence 39, App1
33	26	53.1	10	15	US-10-100-103A-39		Sequence 40, App1
34	26	53.1	10	15	US-10-100-103A-40		Sequence 41, App1
35	26	53.1	10	15	US-10-100-103A-41		Sequence 11, App1
36	26	53.1	10	15	US-10-100-103A-41		Sequence 15, App1
37	26	53.1	10	17	US-10-899-551-11		Sequence 462, App1
38	25	51.0	6	16	US-10-652-845-15		Sequence 462, App1
39	25	51.0	8	18	US-10-808-187-462		Sequence 232, App1
40	25	51.0	9	17	US-10-363-205-232		Sequence 1038, App1
41	25	51.0	10	10	US-09-572-104B-1038		Sequence 1167, App1
42	43	51.0	10	10	US-09-572-104B-1167		Sequence 65, App1
43	25	49.0	7	9	US-09-812-312-65		Sequence 24, App1
44	45	49.0	7	10	US-09-563-222-24		Sequence 13, App1
45	24	49.0	7	10	US-09-972-556-13		Sequence 65, App1
46	24	49.0	7	11	US-09-829-695-65		Sequence 13, App1
47	24	49.0	7	15	US-10-425-555-13		Sequence 24, App1
48	24	49.0	7	16	US-10-783-250-24		Sequence 21, App1
49	24	49.0	7	16	US-10-741-481-20		Sequence 65, App1
50	24	49.0	7	16	US-10-850-334-65		Sequence 5, App1
51	24	49.0	9	10	US-09-809-338-343		Sequence 343, App1
52	24	49.0	9	10	US-09-809-638-408		Sequence 408, App1
53	24	49.0	10	10	US-09-572-104B-002		Sequence 602, App1
54	24	49.0	10	15	US-10-137-167-152		Sequence 152, App1
55	24	49.0	8	14	US-10-106-869-1158		Sequence 1358, App1
56	23	46.9	8	14	US-10-006-869-1157		Sequence 1517, App1
57	23	46.9	8	14	US-10-350-58-5		Sequence 1556, App1
58	23	46.9	8	15	US-10-395-032-158		Sequence 1358, App1
59	23	46.9	8	15	US-10-395-032-158		Sequence 1517, App1
60	23	46.9	9	14	US-10-395-032-157		Sequence 1361, App1
61	23	46.9	8	20	US-11-004-107-1158		Sequence 1520, App1
62	23	46.9	9	20	US-11-004-107-1157		Sequence 22, App1
63	23	46.9	9	14	US-09-791-378-22		Sequence 136, App1
64	23	46.9	9	10	US-09-791-393-116		Sequence 1361, App1
65	23	46.9	9	11	US-09-191-389-136		Sequence 22, App1
66	23	46.9	9	14	US-10-395-032-1161		Sequence 1361, App1
67	23	46.9	9	14	US-10-006-869-1161		Sequence 1520, App1
68	23	46.9	9	14	US-10-006-869-1150		Sequence 1, App1
69	23	46.9	9	14	US-10-003-383B-1		Sequence 71, App1
70	23	46.9	9	15	US-10-395-032-1120		Sequence 1361, App1
71	23	46.9	9	15	US-10-264-309-12		Sequence 12, App1
72	23	46.9	9	15	US-10-264-309-12		Sequence 71, App1
73	23	46.9	9	18	US-10-996-306-71		Sequence 1361, App1
74	23	46.9	9	20	US-11-004-107-1161		Sequence 1520, App1
75	23	46.9	9	20	US-11-004-107-1161		Sequence 66, App1
76	23	46.9	9	23	US-10-775-805-64		Sequence 12, App1
77	23	46.9	9	23	US-10-891-972-59		Sequence 71, App1
78	23	46.9	9	23	US-10-891-972-145		Sequence 157, App1
79	23	46.9	9	23	US-10-891-972-151		Sequence 155, App1
80	23	46.9	9	23	US-10-891-972-157		Sequence 151, App1
81	23	46.9	9	23	US-10-891-972-157		Sequence 477, App1
82	23	46.9	9	23	US-09-252-150-79		Sequence 79, App1
83	23	46.9	9	23	US-10-646-381-79		Sequence 40, App1
84	23	46.9	9	23	US-10-997-209-40		Sequence 556, App1

RESULT 1
US-10-006-177-4
Sequence 4, Application US/1006177
Publication No. US20030165513A1
GENERAL INFORMATION:
APPLICANT: Ramakrishna, Venky
APPLICANT: Ross, Mark
APPLICANT: Philip, Ramila
TITLE OF INVENTION: Cytotoxic T-Lymphocyte-Inducing Immunogens for Prevention, Treatment and Diagnosis of Cancer
TITLE OF INVENTION: Diagnostic of Cancer
FILE REFERENCE: 26747-35
CURRENT APPLICATION NUMBER: US/10/006,177
CURRENT FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US/60/251,022
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: US/60/256,824
PRIOR FILING DATE: 2000-12-20
NUMBER OF SEQ ID NOS: 20
SEQ ID NO 4
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Epitopic Peptide

RESULT 2
US-09-775-805-64
Sequence 64, Application US/09775805
Publication No. US20010036461A1
GENERAL INFORMATION:
APPLICANT: DUKE UNIVERSITY
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS VACCINE
FILE REFERENCE: 1579-548
CURRENT APPLICATION NUMBER: US/09/775,805
CURRENT FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: US/60/558,216
PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 172
SOFTWARE: PatentIn version 3.3
SEQ ID NO 64
LENGTH: 10

RESULT 3
US-10-753-339-64
Sequence 64, Application US/10753339
Publication No. US20040137344A1
GENERAL INFORMATION:
APPLICANT: DUKE UNIVERSITY
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS VACCINE
FILE REFERENCE: 1579-880
CURRENT APPLICATION NUMBER: US/10/753,339
CURRENT FILING DATE: 2004-01-09
PRIOR APPLICATION NUMBER: 09/775,805
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 09/497,497
PRIOR FILING DATE: 2000-02-04
NUMBER OF SEQ ID NOS: 107
SEQ ID NO 64
SOFTWARE: PatentIn Ver. 2.1
LENGTH: 10
TYPE: PRT
ORGANISM: Macaque sp.

RESULT 4
US-10-753-339-64
Sequence 64, Application US/10753339
Publication No. US20040137344A1
GENERAL INFORMATION:
APPLICANT: Monk, Phillip David
APPLICANT: Jermutus, Lutz
APPLICANT: Shorrock, Celia Patricia
TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
FILE REFERENCE: 05569_0008.NPUS03
CURRENT APPLICATION NUMBER: US/10/891,972
CURRENT FILING DATE: 2004-07-15
PRIOR APPLICATION NUMBER: US 60/487,512
PRIOR FILING DATE: 2004-07-15
PRIOR APPLICATION NUMBER: US 60/558,216
PRIOR FILING DATE: 2004-03-31
PRIOR APPLICATION NUMBER: US 60/573,791
PRIOR FILING DATE: 2004-05-24
PRIOR APPLICATION NUMBER: GB 0407315.1
PRIOR FILING DATE: 2004-03-31
NUMBER OF SEQ ID NOS: 172
SOFTWARE: PatentIn version 3.3
SEQ ID NO 59
LENGTH: 7
TYPE: PRT
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK167A11

US-10-891-972-59
 Query Match 57.1%; Score 28; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 1.7e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK612BS
 SEQ ID NO: 145
 Db 4 DDNQR 8
 Db 1 DDNQR 5

RESULT 5
 US-10-891-972-145
 Sequence 145, Application US/10891972
 Publication No. US20050065327A1
 GENERAL INFORMATION:
 APPLICANT: Monk, Phillip David
 APPLICANT: Jermutus, Lutz
 APPLICANT: Shorrock, Celia Patricia
 APPLICANT: Minter, Ralph Raymond
 TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
 FILE REFERENCE: 05569_0008_NPUS03
 CURRENT APPLICATION NUMBER: US/10/891,972
 CURRENT FILING DATE: 2004-07-15
 PRIOR APPLICATION NUMBER: US 60/487,512
 PRIOR FILING DATE: 2003-07-15
 PRIOR APPLICATION NUMBER: US 60/558,216
 PRIOR FILING DATE: 2004-03-31
 PRIOR APPLICATION NUMBER: US 60/573,791
 PRIOR FILING DATE: 2004-05-24
 PRIOR APPLICATION NUMBER: GB 0407315.1
 PRIOR FILING DATE: 2004-03-31
 NUMBER OF SEQ ID NOS: 172
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO: 145
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK582F7

US-10-891-972-145
 Query Match 57.1%; Score 28; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 1.7e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK615B3
 SEQ ID NO: 145
 Db 4 DDNQR 8
 Db 1 DDNQR 5

RESULT 6
 US-10-891-972-151
 Sequence 151, Application US/10891972
 Publication No. US20050065327A1
 GENERAL INFORMATION:
 APPLICANT: Monk, Phillip David
 APPLICANT: Jermutus, Lutz
 APPLICANT: Shorrock, Celia Patricia
 APPLICANT: Minter, Ralph Raymond
 TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
 FILE REFERENCE: 05569_0008_NPUS03
 CURRENT APPLICATION NUMBER: US/10/891,972
 CURRENT FILING DATE: 2004-07-15
 PRIOR APPLICATION NUMBER: US 60/487,512
 PRIOR FILING DATE: 2003-07-15
 PRIOR APPLICATION NUMBER: US 60/558,216
 PRIOR FILING DATE: 2004-03-31
 PRIOR APPLICATION NUMBER: GB 0407315.1
 PRIOR FILING DATE: 2004-03-31
 NUMBER OF SEQ ID NOS: 172
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO: 151

Query Match 57.1%; Score 28; DB 17; Length 7;
 Best Local Similarity 100.0%; Pred. No. 1.7e+06;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK612BS
 SEQ ID NO: 157
 Sequence 157, Application US/10891972
 Publication No. US20050065327A1
 GENERAL INFORMATION:
 APPLICANT: Monk, Phillip David
 APPLICANT: Jermutus, Lutz
 APPLICANT: Shorrock, Celia Patricia
 APPLICANT: Minter, Ralph Raymond
 TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
 FILE REFERENCE: 05569_0008_NPUS03
 CURRENT APPLICATION NUMBER: US/10/891,972
 CURRENT FILING DATE: 2004-07-15
 PRIOR APPLICATION NUMBER: US 60/487,512
 PRIOR FILING DATE: 2003-07-15
 PRIOR APPLICATION NUMBER: US 60/558,216
 PRIOR FILING DATE: 2004-03-31
 PRIOR APPLICATION NUMBER: US 60/558,216
 PRIOR FILING DATE: 2004-03-31
 NUMBER OF SEQ ID NOS: 172
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO: 157
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK615B3
 US-10-891-972-157
 Sequence 157, Application US/10891972
 Publication No. US20050065327A1
 GENERAL INFORMATION:
 APPLICANT: Monk, Phillip David
 APPLICANT: Jermutus, Lutz
 APPLICANT: Shorrock, Celia Patricia
 APPLICANT: Minter, Ralph Raymond
 TITLE OF INVENTION: HUMAN ANTIBODY MOLECULES FOR IL-13
 FILE REFERENCE: 05569_0008_NPUS03
 CURRENT APPLICATION NUMBER: US/10/891,972
 CURRENT FILING DATE: 2004-07-15
 PRIOR APPLICATION NUMBER: US 60/487,512
 PRIOR FILING DATE: 2003-07-15
 PRIOR APPLICATION NUMBER: US 60/558,216
 PRIOR FILING DATE: 2004-03-31
 PRIOR APPLICATION NUMBER: GB 0407315.1
 PRIOR FILING DATE: 2004-03-31
 NUMBER OF SEQ ID NOS: 172
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO: 157
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: CDR2 OF LIGHT CHAIN OF BAK615B3
 US-09-809-638-473
 Sequence 473, Application US/09809638
 Publication No. US20030059195A1
 GENERAL INFORMATION:
 APPLICANT: Mary Faris
 APPLICANT: Pia M. Challita-Eid
 APPLICANT: Steve Chappell Mitchell
 APPLICANT: Daniel E. H. Alar
 APPLICANT: Arthur B. Raitano
 APPLICANT: Aya Jukobovits
 TITLE OF INVENTION: 125PSC8: A TISSUE SPECIFIC PROTEIN
 TITLE OF INVENTION: HIGHLY EXPRESSED IN VARIOUS CANCERS
 FILE REFERENCE: 129_35US01
 CURRENT APPLICATION NUMBER: US/09/809,638

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CURRENT FILING DATE: 2001-03-14
SEQ ID NO: 746
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 473
LENGTH: 10
TYPE: PRT
ORGANISM: Homo sapiens
US-09-809-638-473

Query Match      57.1%; Score 28; DB 10; Length 10;
Best Local Similarity 71.4%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Qy   3 YDDNQRY 9
Db   2 YRDNOKV 8

RESULT 9
US-09-252-150-79
Sequence 79, Application US/09252150A
Patent No. US2002015564A1
GENERAL INFORMATION:
APPLICANT: Ledbetter, Jeffrey A.
APPLICANT: Hayden Ledbetter, Martha
APPLICANT: Brady, William A.
APPLICANT: Grossmaire, Laura S.
APPLICANT: Law, Che-Leung
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
TITLE OF INVENTION: LYMPHOCYTE ACTIVATION
FILE REFERENCE: 9113-0019-999
CURRENT APPLICATION NUMBER: US/09/252,150A
CURRENT FILING DATE: 1999-02-18
EARLIER APPLICATION NUMBER: US 60/075,274
EARLIER FILING DATE: 1998-02-19
EARLIER APPLICATION NUMBER: US 60/108,683
EARLIER FILING DATE: 1998-11-16
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 79
LENGTH: 9
TYPE: PRT
ORGANISM: Mus musculus
US-09-252-150-79

Query Match      55.1%; Score 27; DB 9; Length 9;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy   1 FLYDDNO 7
Db   1 YCYDDHQ 7

RESULT 10
US-10-646-381-79
Sequence 79, Application US/10046381
Publication No. US20040253450A1
GENERAL INFORMATION:
APPLICANT: Ledbetter, Jeffrey A.
APPLICANT: Hayden Ledbetter, Martha
APPLICANT: Brady, William A.
APPLICANT: Grossmaire, Laura S.
APPLICANT: Law, Che-Leung
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR REGULATING
TITLE OF INVENTION: LYMPHOCYTE ACTIVATION
FILE REFERENCE: 980324.408C1
CURRENT APPLICATION NUMBER: US 10/646,381
CURRENT FILING DATE: 2003-08-21
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 3.0

Query Match      55.1%; Score 27; DB 16; Length 9;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy   1 FLYDDNQ 7
Db   1 YCYDDHQ 7

RESULT 11
US-09-997-209-40
Sequence 40, Application US/09997209
Publication No. US20030096401A1
GENERAL INFORMATION:
APPLICANT: Hu, William D.
TITLE OF INVENTION: Bukaryotic Expression Libraries and
METHODS OF USE
FILE REFERENCE: P-IX 5066
CURRENT APPLICATION NUMBER: US/09/997,209
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 09/724,762
PRIOR FILING DATE: 2000-11-28
NUMBER OF SEQ ID NOS: 90
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 40
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: BRP variant
US-09-997-209-40

Query Match      53.1%; Score 26; DB 10; Length 8;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy   1 FLYDD 5
Db   2 FYYDD 6

RESULT 12
US-10-284-400-19
Sequence 19, Application US/10284400
Publication No. US20030143245A1
GENERAL INFORMATION:
APPLICANT: Reddish, Mark A.
APPLICANT: Hu, Mary C.
APPLICANT: Wills, Michael A.
APPLICANT: Dale, James B.
TITLE OF INVENTION: MULTIVALENT STREPTOCOCCAL VACCINE COMPOSITIONS AND
METHODS FOR USE
FILE REFERENCE: 4B112-13
CURRENT APPLICATION NUMBER: US/10/284,400
CURRENT FILING DATE: 2002-10-28
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 19
LENGTH: 8
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Carboxy terminal tag sequence
US-10-284-400-19

Query Match      53.1%; Score 26; DB 14; Length 8;
Best Local Similarity 57.1%; Pred. No. 1.7e+06;

```

Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0; ; APPLICANT: Jenkins, Elizabeth
 Qy 2 LYDDNQR 8 ; TITLE OF INVENTION: Affinity Peptides and Method for Purification of Recombinant Prot
 Db |||: ; FILE REFERENCE: SGM 7047.1
 ; CURRENT APPLICATION NUMBER: US/10/460,524
 ; PRIORITY FILING DATE: 2003-06-12
 ; PRIORITY APPLICATION NUMBER: US 60/388,059
 ; NUMBER OF SEQ ID NOS: 23
 ; SOFTWARE: PatentIn version 3.1

RESULT 13
 US-10-284-083-13
 ; Sequence 13, Application US/10284083
 ; Publication No. US20030143665A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hu, Mary C.
 ; TITLE OF INVENTION: EFFICIENT PROTEIN EXPRESSION SYSTEM
 ; FILE REFERENCE: 48009-429
 ; CURRENT APPLICATION NUMBER: US/10/284,083
 ; CURRENT FILING DATE: 2002-10-28
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 13
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE: Carboxy terminal tag sequence
 ; OTHER INFORMATION: Carboxy terminal tag sequence
 US-10-284-083-13

Query Match 53.1%; Score 26; DB 14; Length 8;
 Best Local Similarity 57.1%; Pred. No. 1.7e+06;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0; ; APPLICANT: TOHMA, Junko
 Qy 2 LYDDNQR 8 ; TITLE OF INVENTION: FAS LIGAND FUSION PROTEIN
 Db |||: ; FILE REFERENCE: 1110-0313P
 ; CURRENT APPLICATION NUMBER: US/10/296,718
 ; CURRENT FILING DATE: 2003-07-09
 ; NUMBER OF SEQ ID NOS: 19
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 5

RESULT 14
 US-10-268-336-8
 ; Sequence 8, Application US/10268336
 ; Publication No. US20030157122A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dale, James B.
 ; TITLE OF INVENTION: STREPTOCOCCAL STREPTOLYSIN S VACCINES
 ; FILE REFERENCE: 481112_412C1
 ; CURRENT APPLICATION NUMBER: US/10/268,336
 ; CURRENT FILING DATE: 2002-10-09
 ; NUMBER OF SEQ ID NOS: 8
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 8
 ; LENGTH: 8
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Tag amino acid sequence
 US-10-268-336-8

Query Match 53.1%; Score 26; DB 14; Length 8;
 Best Local Similarity 57.1%; Pred. No. 1.7e+06;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0; ; APPLICANT: Applied Molecular Evolution, Inc.
 Qy 2 LYDDNQR 8 ; TITLE OF INVENTION: Eukaryotic Expression Libraries Based on Double Lox Recombination and Methods of Use
 Db |||: ; FILE REFERENCE: 66797-377
 ; CURRENT APPLICATION NUMBER: US/10/433,206
 ; CURRENT FILING DATE: 2003-05-28
 ; PRIORITY APPLICATION NUMBER: US20040087014A1
 ; PRIORITY FILING DATE: 2003-05-28
 ; PRIORITY APPLICATION NUMBER: PCT/US01/44600
 ; PRIORITY FILING DATE: 2001-11-28
 ; NUMBER OF SEQ ID NOS: 90
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 40

RESULT 15
 US-10-460-524-16
 ; Sequence 16, Application US/10460524
 ; Publication No. US20040029781A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hernan, Ronald A
 ; APPLICANT: Mehigh, Richard J
 ; APPLICANT: Brockle, Ian

LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: BRP variant
 US-10-433-206-40

Query Match 53.1%; Score 26; DB 15; Length 8;
 Best Local Similarity 80.0%; Pred. No. 1.7e+06;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 2 FYDD 6

RESULT 18
 Sequence 2, Application US/10837776
 GENERAL INFORMATION:
 APPLICANT: KAPPEL, WILLIAM K
 APPLICANT: MEHIGH, RICHARD J
 APPLICANT: JENKINS, ELIZABETH A
 TITLE OF INVENTION: SOLID PHASE CELL LYSIS AND CAPTURE PLATFORM
 FILE REFERENCE: SGM 7053.1
 CURRENT APPLICATION NUMBER: US/10/937,776
 CURRENT FILING DATE: 2004-05-03
 PRIOR APPLICATION NUMBER: US 60/467,679
 PRIOR FILING DATE: 2003-05-02
 NUMBER OF SEQ ID NOS: 4
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 2
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Xpress (TM) leader peptide

US-10-837-776-2

Query Match 53.1%; Score 26; DB 16; Length 8;
 Best Local Similarity 57.1%; Pred. No. 1.7e+06;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LYDDNQR 8
Db 2 LYDDDK 8

RESULT 21
 US-10-931-916-76
 Sequence 76, Application US/10931916
 GENERAL INFORMATION:
 APPLICANT: Pispenburg, Olaf
 APPLICANT: Williams, Colin
 APPLICANT: Stempel, Derek
 APPLICANT: Ames, Niall
 TITLE OF INVENTION: RECOMBINASE POLYMERASE AMPLIFICATION
 FILE REFERENCE: 18921-003 UTIL
 CURRENT APPLICATION NUMBER: US/10/931,916
 CURRENT FILING DATE: 2004-09-01
 PRIOR APPLICATION NUMBER: US 60/358,563
 PRIOR FILING DATE: 2002-02-21
 PRIOR APPLICATION NUMBER: US 10/371,641
 PRIOR FILING DATE: 2003-02-21
 PRIOR APPLICATION NUMBER: US 60/533,999
 NUMBER OF SEQ ID NOS: 77
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 76
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Epitope Tag

Query Match 53.1%; Score 26; DB 17; Length 8;

US-10-888-805-72

Sequence 72, Application US/10988805
 GENERAL INFORMATION:
 APPLICANT: Anderson, Robert
 APPLICANT: Huang, Yan
 APPLICANT: Burt, David
 TITLE OF INVENTION: SUBUNIT VACCINE AGAINST RESPIRATORY
 FILE REFERENCE: 484112-401
 CURRENT APPLICATION NUMBER: US/10/888,805
 CURRENT FILING DATE: 2004-07-09
 NUMBER OF SEQ ID NOS: 72
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO 72
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Epitope Tag

OTHER INFORMATION: Peptide
us-10-931-916-76

Query Match Score 26; DB 17; Length 8;
Best Local Similarity 53.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0;
Gaps 0; Gaps 0;

Qy 2 LYDDNQR 8
| | | :
Db 2 LYDDDDK 8

RESULT 24
US-10-032-037B-3
; Sequence 3, Application US/10032037B
; Publication No. US20040001822A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPE CONTAINING SULFATED MOLECULES, ANTIBODIES TO SUCH EPITOPE, AND USES THEREOF
; FILE REFERENCE: 10793/44
; CURRENT APPLICATION NUMBER: US/10/032,037B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-037B-3

Query Match Score 26; DB 15; Length 9;
Best Local Similarity 53.1%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0;
Gaps 0; Gaps 0;

Qy 3 YDDNQRV 9
| | | |
Db 3 YDSNLRV 9

RESULT 25
US-10-029-988B-3
; Sequence 3, Application US/10029988B
; Publication No. US20040001639A1
; GENERAL INFORMATION:
; APPLICANT: Bio-Technology General Corp.
; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPE CONTAINING SULFATED MOLECULES, ANTIBODIES TO SUCH EPITOPE, AND USES THEREOF
; FILE REFERENCE: 10793/46
; CURRENT APPLICATION NUMBER: US/10/029,988B
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: 60/258,948
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 204
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-029-988B-3

Query Match Score 26; DB 15; Length 9;
Best Local Similarity 53.1%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 2; Indels 0;
Gaps 0; Gaps 0;

Qy 3 YDDNQRV 9
| | | |
Db 3 YDSNLRV 9

RESULT 26
US-10-032-423A-3
; Sequence 3, Application US/10032423A

OTHER INFORMATION: Peptide
us-10-684-232-56

Query Match Score 26; DB 17; Length 8;
Best Local Similarity 53.1%; Pred. No. 1.7e+06;
Matches 4; Conservative 2; Mismatches 1; Indels 0;
Gaps 0; Gaps 0;

Qy 2 LYDDNQR 8
| | | :
Db 2 LYDDDDK 8

RESULT 23
US-10-684-232-56
; Sequence 56, Application US/10684232
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreiev, Alexander Y.
; APPLICANT: Briger, Luciano G.
; APPLICANT: Velicelbi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433C2
; CURRENT APPLICATION NUMBER: US/10/684,232
; CURRENT FILING DATE: 2003-10-10
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 56
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: Epitope tag
; OTHER INFORMATION: Epitope tag
us-10-684-232-56

; Publication No. US20040002450A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bio-Technology General Corp.
 ; TITLE OF INVENTION: Y17-ISOLATED MOLECULES COMPRISING EPITOPEs CONTAINING SULFATED
 ; TITLE OF INVENTION: MOIETIES, ANTIBODIES TO SUCH EPITOPEs, AND USES THEREOF
 ; FILE REFERENCE: 10793145
 ; CURRENT APPLICATION NUMBER: US/10/032,423A
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: 60/258,948
 ; PRIOR FILING DATE: 12/29/2000
 ; NUMBER OF SEQ ID NOS: 204
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 3
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-032,423A-3

Query Match Best Local Similarity Score DB Length
 Matches 5; Conservative 71.4%; 26; 15; 9;
 Mismatches 0; Pred. No. 1.7e+06;
 Indels 0; Gaps 0;

Qy 3 YDDNQRY 9
 Db 3 YDSNLRV 9

RESULT 29

US-10-228-806-11
 ; Sequence 11, Application US/10228806
 ; Publication No. US20030049237A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bannon, et al.
 ; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
 ; TITLE OF INVENTION: to Allergy
 ; FILE REFERENCE: 2002834-0043
 ; CURRENT APPLICATION NUMBER: US/10/228,806
 ; CURRENT FILING DATE: 2002-08-26
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 11
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Arachis hypogaea

US-10-228-806-11

Query Match Best Local Similarity Score DB Length
 Matches 4; Conservative 66.7%; 26; 14; 10;
 Mismatches 2; Pred. No. 2.1e+02;
 Indels 0; Gaps 0;

Qy 3 YDDNQRY 8
 Db 4 YDDDR 9

RESULT 27

US-10-029-926B-3
 ; Sequence 3, Application US/10029926B
 ; Publication No. US20040073011A1
 ; GENERAL INFORMATION:
 ; APPLICANT: HAGAY, et al.
 ; TITLE OF INVENTION: SPECIFIC HUMAN ANTIBODIES FOR SELECTIVE CANCER THERAPY
 ; FILE REFERENCE: 10793150
 ; CURRENT APPLICATION NUMBER: US/10/029,926B
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: 60/258,948
 ; PRIOR FILING DATE: 12/29/2000
 ; NUMBER OF SEQ ID NOS: 203
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 3
 ; LENGTH: 9
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-029-926B-3

Query Match Best Local Similarity Score DB Length
 Matches 5; Conservative 71.4%; 26; 15; 9;
 Mismatches 0; Pred. No. 1.7e+06;
 Indels 2; Gaps 0;

Qy 3 YDDNQRY 9
 Db 3 YDSNLRV 9

RESULT 30

US-10-228-806-52
 ; Sequence 52, Application US/10228806
 ; Publication No. US20030049237A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bannon, et al.
 ; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
 ; TITLE OF INVENTION: to Allergy
 ; FILE REFERENCE: 2002834-0043
 ; CURRENT APPLICATION NUMBER: US/10/228,806
 ; CURRENT FILING DATE: 2002-08-26
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 52
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Arachis hypogaea

US-10-228-806-52

Query Match Best Local Similarity Score DB Length
 Matches 4; Conservative 66.7%; 26; 14; 10;
 Mismatches 2; Pred. No. 2.1e+02;
 Indels 0; Gaps 0;

Qy 3 YDDNQRY 8
 Db 5 YDDDR 10

RESULT 28

US-09-731-221-5
 ; Sequence 5, Application US/09731221
 ; Patent No. US20020018778A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Caplan, Michael
 ; TITLE OF INVENTION: Passive Desensitization
 ; FILE REFERENCE: 2002834-0103
 ; CURRENT APPLICATION NUMBER: US/09/731,221
 ; CURRENT FILING DATE: 2001-12-06
 ; NUMBER OF SEQ ID NOS: 79
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 5
 ; LENGTH: 10
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

RESULT 31

US-10-228-806-53
 ; Sequence 53, Application US/10228806
 ; Publication No. US20030049237A1

```

; GENERAL INFORMATION:
; APPLICANT: Bannon, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reactions
; FILE REFERENCE: 2002834-0043
; CURRENT APPLICATION NUMBER: US/10/228,806
; CURRENT FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 53
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea
; US-10-228-806-53

Query Match      53.1%; Score 26; DB 14; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02; Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy   3 YDDNQR 8
Db   3 YDDNQR 8
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

RESULT 34
US-10-100-303A-39
; Sequence 39, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 39
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

Query Match      53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e-02; Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy   3 YDDNQR 8
Db   3 YDDNQR 8
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

RESULT 35
US-10-100-303A-40
; Sequence 40, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 40
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

Query Match      53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e-02; Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy   3 YDDNQR 8
Db   3 YDDNQR 8
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

RESULT 36
US-10-100-303A-41
; Sequence 41, Application US/10100303A
; Publication No. US20030202980A1
; GENERAL INFORMATION:
; APPLICANT: Caplan, et al.
; TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction
; FILE REFERENCE: 2002834-0166
; CURRENT APPLICATION NUMBER: US/10/100,303A
; CURRENT FILING DATE: 2002-03-18
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 13
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

Query Match      53.1%; Score 26; DB 15; Length 10;
Best Local Similarity 66.7%; Pred. No. 2.8e+02; Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
Qy   3 YDDNQR 8
Db   3 YDDNQR 8
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1

```

CURRENT FILING DATE: 2002-03-18
 NUMBER OF SEQ ID NOS: 138
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 41
 LENGTH: 10
 TYPE: PRT
 ORGANISM: Arachis hypogaea, Prot/Nucleo-Ara h 1
 US-10-100-303A-41

Query Match Score 26; DB 15; Length 10;
 Best Local Similarity 66.7%; Pred. No. 2.8e+02;
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
 Db 1 YDDDR 6

RESULT 37
 US-10-899-551-11
 Sequence 11. Application US/10899551
 Publication No. US20050063994A1
 GENERAL INFORMATION:
 APPLICANT: Caplan, Michael J.
 APPLICANT: Burks, A. Wesley
 APPLICANT: Sampson, Hugh A.
 APPLICANT: Howard, Sobin B.
 APPLICANT: Rottem, Kim H.
 TITLE OF INVENTION: Methods and Reagents for Decreasing Clinical Reaction to Allergy
 FILE REFERENCE: 20022834-0333
 CURRENT APPLICATION NUMBER: US/10/899,551
 CURRENT FILING DATE: 2004-07-26
 NUMBER OF SEQ ID NOS: 61
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 11
 LENGTH: 10
 TYPE: PRT
 ORGANISM: species Arachis hypogea
 US-10-899-551-11

Query Match Score 26; DB 17; Length 10;
 Best Local Similarity 66.7%; Pred. No. 2.8e+02;
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDNQR 8
 Db 4 YDDDR 9

RESULT 38
 US-10-682-845-15
 Sequence 15. Application US/10682845
 Publication No. US2004016241A1
 GENERAL INFORMATION:
 APPLICANT: Lanzavecchia, Antonio
 TITLE OF INVENTION: Potent T cell modulating molecules
 FILE REFERENCE: G2296 US

CURRENT APPLICATION NUMBER: US/10/682,845
 CURRENT FILING DATE: 2003-10-10
 PRIOR FILING DATE: 2002-10-18
 PRIOR APPLICATION NUMBER: CA 2,403,313
 NUMBER OF SEQ ID NOS: 89
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 15
 LENGTH: 6
 TYPE: PRT
 ORGANISM: artificial sequence
 FEATURE: M76 mutant

US-10-682-845-15

Query Match Score 25; DB 16; Length 6;
 Best Local Similarity 100.0%; Pred. No. 1.7e+06;
 Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 YDDN 6
 Db 2 YDDN 5

RESULT 39
 US-10-808-187-462
 Sequence 462. Application US/10808187
 Publication No. US20050003009A1
 GENERAL INFORMATION:
 APPLICANT: PEIRIS, JOSEPH S. M.
 APPLICANT: YUEN, KWOK YUNG
 APPLICANT: POON, LIT MAN
 APPLICANT: GUAN, YI
 APPLICANT: CHAN, KWOK HUNG
 APPLICANT: NICHOLLS, JOHN
 TITLE OF INVENTION: A DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
 CURRENT APPLICATION NUMBER: US/10/808,187
 CURRENT FILING DATE: 2004-03-24
 PRIOR APPLICATION NUMBER: V9661.0078
 FILE REFERENCE: V9661.0078
 PRIOR APPLICATION NUMBER: 60/457,031
 PRIOR FILING DATE: 2003-03-24
 PRIOR APPLICATION NUMBER: 60/457,730
 PRIOR FILING DATE: 2003-03-26
 PRIOR APPLICATION NUMBER: 60/459,931
 PRIOR FILING DATE: 2003-04-02
 PRIOR APPLICATION NUMBER: 60/460,357
 PRIOR FILING DATE: 2003-04-03
 PRIOR APPLICATION NUMBER: 60/461,265
 PRIOR FILING DATE: 2003-04-08
 PRIOR APPLICATION NUMBER: 60/462,805
 PRIOR FILING DATE: 2003-04-14
 PRIOR APPLICATION NUMBER: 60/468,139
 PRIOR FILING DATE: 2003-05-05
 PRIOR APPLICATION NUMBER: 60/464,886
 PRIOR FILING DATE: 2003-04-23
 PRIOR APPLICATION NUMBER: 60/471,200
 PRIOR FILING DATE: 2003-05-16
 NUMBER OF SEQ ID NOS: 2476
 SOFTWARE: PatentIn ver. 3.2
 SEQ ID NO 462
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Human severe acute respiratory system virus

US-10-808-187-462

Query Match Score 25; DB 17; Length 8;
 Best Local Similarity 66.7%; Pred. No. 1.7e+06;
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLYDDN 6
 Db 2 FLHDDBS 7

RESULT 40
 US-10-807-807-462
 Sequence 462. Application US/10807807
 Publication No. US20050181357A1
 GENERAL INFORMATION:
 APPLICANT: LEUNG, FREDERICK C.
 APPLICANT: PEIRIS, JOSEPH S. M.
 APPLICANT: YUEN, KWOK YUNG
 APPLICANT: POON, LIT MAN
 APPLICANT: GUAN, YI
 APPLICANT: CHAN, KWOK HUNG
 APPLICANT: NICHOLLS, JOHN M.
 TITLE OF INVENTION: A HIGH-THROUGHPUT DIAGNOSTIC ASSAY FOR THE HUMAN VIRUS

TITLE OF INVENTION: CAUSING SEVERE ACUTE RESPIRATORY SYNDROME (SARS)
FILE REFERENCE: V9661-0077
CURRENT APPLICATION NUMBER: US/10/807,807
CURRENT FILING DATE: 2004-03-24
PRIOR APPLICATION NUMBER: 60/457,031
PRIOR FILING DATE: 2003-03-24
PRIOR APPLICATION NUMBER: 60/457,730
PRIOR FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: 60/459,931
PRIOR FILING DATE: 2003-04-02
PRIOR APPLICATION NUMBER: 60/460,357
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: 60/461,265
PRIOR FILING DATE: 2003-04-08
PRIOR APPLICATION NUMBER: 60/462,805
PRIOR FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: 60/464,886
PRIOR FILING DATE: 2003-04-23
PRIOR APPLICATION NUMBER: 60/465,738
PRIOR FILING DATE: 2003-04-25
PRIOR APPLICATION NUMBER: 60/470,935
PRIOR FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 2487
SOFTWARE: PatentIn ver. 3.2
SEQ ID NO: 462
LENGTH: 8
TYPE: PRT
ORGANISM: Human severe acute respiratory system virus
US-10-807-807-462

Query Match Score 51.0%; Pred. No. 1.7e+06; Length 8;
Best Local Similarity 66.7%;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDDN 6
Db 2 FLHDDS 7

RESULT 41
US-10-363-205-232
Sequence 332, Application US/10363205
Publication No. US2005007474A1
GENERAL INFORMATION:
APPLICANT: Board of Regents, The University of Texas System
TITLE OF INVENTION: Biopanning and Rapid Analysis of Selective Interactive Ligands (BRIAL)
FILE REFERENCE: Q05774_P004PCT
CURRENT APPLICATION NUMBER: US/10/363,205
CURRENT FILING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 289
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 232
LENGTH: 9
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: Peptide
LOCATION: (1)..(9)
OTHER INFORMATION: synthetic construct
US-10-363-205-232

Query Match Score 51.0%; Pred. No. 1.7e+06; Length 9;
Best Local Similarity 83.3%;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 DDNQRY 9
Db 2 DTNQRY 7

RESULT 42
US-09-572-404B-1038
Sequence 1038, Application US/09572404B

; Publication No. US20030078174A1
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/09/572,404B
; CURRENT FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProtPatent version 1.0
; SEQ ID NO: 1038
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in COL5A1 at 133-142 and may interact with Sequence US-09-572-404B-1038

Query Match Score 51.0%; Pred. No. 4.3e+02;
Best Local Similarity 80.0%;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 6 FLYED 10

RESULT 43
US-09-572-404B-1167
Sequence 1167, Application US/09572404B
Publication No. US20030078174A1
GENERAL INFORMATION:
APPLICANT: Proteom Ltd
TITLE OF INVENTION: Complementary Peptide ligands from the human genome
FILE REFERENCE: Human patent
CURRENT APPLICATION NUMBER: US/09/572,404B
CURRENT FILING DATE: 2000-05-17
NUMBER OF SEQ ID NOS: 4203
SOFTWARE: ProtPatent version 1.0
SEQ ID NO: 1167
LENGTH: 10
TYPE: PRT
ORGANISM: Homo Sapiens
FEATURE:
OTHER INFORMATION: sequence located in BTN at 312-321 and may interact with Sequence US-09-572-404B-1167

Query Match Score 51.0%; Pred. No. 4.3e+02;
Best Local Similarity 80.0%;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FLYDD 5
Db 6 FLYED 10

RESULT 44
US-09-832-312-65
Sequence 65, Application US/09832312
Patient No. US2003004929A1
GENERAL INFORMATION:
APPLICANT: Busfield et al
TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
FILE REFERENCE: 7853-234
CURRENT APPLICATION NUMBER: US/09/832,312
CURRENT FILING DATE: 2000-04-09
PRIOR APPLICATION NUMBER: 09/610,118
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 09/513,387
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 09/454,824
PRIOR FILING DATE: 1999-12-06

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; PRIOR APPLICATION NUMBER: 09/345,468
; PRIORITY FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-832-312-65

RESULT 47
; Sequence 65, Application US/09829495
; Publication No. US20040001826A1
; GENERAL INFORMATION:
; APPLICANT: Bustield SJ
; APPLICANT: Villeval J
; APPLICANT: Jandrot-Perrus M
; APPLICANT: Vainchenker W
; APPLICANT: Gili DS
; APPLICANT: Qian MD
; TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
; FILE REFERENCE: 7853-234
; CURRENT APPLICATION NUMBER: US/09/829,495
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 09/610,118
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 09/503,387
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 09/454,824
; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 09/345,468
; PRIOR FILING DATE: 1999-06-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO: 65
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-829-495-65

Query Match 49.0%; Score 24; DB 9; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 4 DDNQR 8
Db 1 EDNQR 5

RESULT 45
; Sequence 24, Application US/09532222
; PUBLICATION NO. US20030079253A1
; GENERAL INFORMATION:
; APPLICANT: Hiatt, Andrew
; APPLICANT: Hein, Mich A.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
; TITLE OF INVENTION: EUKARYOTIC CELLS
; CURRENT APPLICATION NUMBER: US/09/563,222
; FILE REFERENCE: 310098.406
; CURRENT FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 24
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-563-222-24

Query Match 49.0%; Score 24; DB 10; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 4 DDNQR 8
Db 1 DDNKR 5

RESULT 48
; Sequence 13, Application US/10425855
; Publication No. US20040005324A1
; GENERAL INFORMATION:
; APPLICANT: PILKINGTON, GLENN
; APPLICANT: GILMOUR, PAGE
; APPLICANT: CHANOCK, ROBERT T
; APPLICANT: CROWE, JAMES
; APPLICANT: MURPHY, BRIAN
; TITLE OF INVENTION: NEUTRALIZING MONOCLONAL ANTIBODIES TO RESPIRATORY
; TITLE OF INVENTION: SYNTHETIC FULLY HUMAN INTERFERON-GAMMA
; FILE REFERENCE: 18602-0007/P007-A
; CURRENT APPLICATION NUMBER: US/10/425,855
; CURRENT FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 09/043,530
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 60/003,931
; PRIOR FILING DATE: 1995-09-18
; NUMBER OF SEQ ID NOS: 22
; SEQ ID NO: 13
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-425-855-13

Query Match 49.0%; Score 24; DB 15; Length 7;
Best Local Similarity 80.0%; Pred. No. 1.7e+06;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 4 DDNQR 8

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Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy :|||:
 Db 1 EDNQR 5

RESULT 49
 US-10-783-950-24
 Sequence 24, Application US/10783950
 Publication No. US20040199943A1
 GENERAL INFORMATION:
 APPLICANT: EPICYTE PHARMACEUTICALS, INC.
 APPLICANT: HIATT, ANDREW C.
 APPLICANT: HEIN, MICHAEL B.
 TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
 FILE REFERENCE: 068904-0501
 CURRENT APPLICATION NUMBER: US/10/783,950
 CURRENT FILING DATE: 2004-02-19
 PRIOR APPLICATION NUMBER: US/09/563,222
 PRIOR FILING DATE: 2000-05-02
 PRIOR APPLICATION NUMBER: PCT/US01/14349
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: 09/563,222
 PRIOR FILING DATE: 2000-05-02
 NUMBER OF SEQ ID NOS: 182
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 24
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-783-950-24

Query Match 49.0%; Score 24; DB 16; Length 7;
 Best Local Similarity 80.0%; Pred. No. 1.7e+06;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy :|||:
 Db 1 DDNQR 5

RESULT 50
 US-10-741-481-21
 Sequence 21, Application US/10741481
 Publication No. US20040213793A1
 GENERAL INFORMATION:
 APPLICANT: Collins, Mary et al.
 TITLE OF INVENTION: ANTIBODIES AGAINST PD-1 AND USES THEREFOR
 FILE REFERENCE: 08702_0098-00000
 CURRENT APPLICATION NUMBER: US/10/741,481
 CURRENT FILING DATE: 2003-12-22
 NUMBER OF SEQ ID NOS: 58
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 21
 LENGTH: 7
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-741-481-21

Query Match 49.0%; Score 24; DB 16; Length 7;
 Best Local Similarity 80.0%; Pred. No. 1.7e+06;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy :|||:
 Db 1 EDNQR 5

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